SCH-R350 Series

P O R T A B L E T R I - B A N D

M O B I L E P H O N E

User Manual
Please read this manual before operating your phone, and keep it for future reference.

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This section explains how to start using your Samsung SCH-r350 phone by activating your service, setting up your Voicemail, or getting an understanding of how this manual is put together.

Understanding this User Manual

The chapters of this guide generally follow the same order as the menus and sub-menus in your phone. A robust index for quick reference to most features begins on page 134.

Also included is important safety information that you should know before using your phone. Most of this information is near the back of the guide, beginning on page 106.

Notes and Tips

Throughout this guide there is text that is set apart from the rest. These are intended to point out important information, quick methods for activating features, to define terms, and more. The definitions for these methods are as follows:

- **Notes**: Explain alternative options within the current feature, menu, or sub-menu.
- **Tips**: Provide quick or innovative methods for performing functions related to the subject at hand.
- **Important**: Points out important information about the current feature that could affect performance, or even damage your phone.

Text Conventions

This manual provides condensed information about how to use your phone. To make this possible, the following terms and icon appear in place of repeatedly-used procedural steps:

highlight	Use the Navigation key ( ) to move a highlighting effect onto a menu item or screen item of interest.
select	After "highlighting" a menu item or screen item, press the **OK** key to launch, access, or save a highlighted menu item or screen field of interest.
→	Used in place of "select" in long "drill down" procedure steps.

Example: "...**Settings** → **Call Settings** → **Call Answer**..."

Installing the Battery

Note: Your phone comes packaged with a partially charged rechargeable standard Li-Ion battery and travel adapter.

Important!: You must fully charge the battery the first time you use your phone, otherwise you could damage the battery.

1. Insert the top end of the battery first, matching the gold contacts on the inside of the battery to those on the phone.
2. Press lightly on the bottom end of the battery down into the phone until it slips into place.
3. Press lightly down on the middle of the battery cover (1) and upward at the top (2) until the cover locks into place.

Remove the Battery

1. Press and hold the key to turn off the phone (if on).
2. Press downward at the top of the battery cover (1) and lift the cover (2) up and away from the phone.

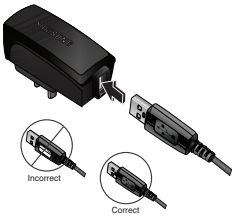
3. Lift the battery (1) up at the bottom and away from the phone (2).

Charging the Battery

Your phone is powered by a rechargeable standard Li-Ion battery. Only use Samsung-approved charging devices and batteries. Samsung accessories are designed to maximize battery life. **Use of other accessories may invalidate your warranty and may cause damage.**

Use the Travel Adapter

The travel adapter included with your phone is a convenient, light-weight charger that rapidly charges your phone from any 120/220 VAC outlet.



1. Plug the large end of the Travel Adapter into a standard 120 VAC or 220 VAC wall outlet.

Important!: For connection to an electrical supply not located in North America, you must use an adapter of the proper configuration for the power outlet. Use of the wrong adapter could damage your phone and void your warranty.

2. Insert the USB Data Cable into the Travel Adapter (see above) and into the charger/accessory connector on the upper right side of your phone, as shown here.

Important!: You must unplug the adapter before removing the battery from the phone during charging to avoid damage.

Low battery indicator

The battery indicator ( ) in the upper-right corner of the display indicates power level. Monitor the battery strength and ensure your battery is adequately charged.

- Five bars ( ) indicate a full charge.
- An empty battery icon ( ) indicates a near empty battery.
- A blinking empty battery icon ( ) and a tone sounding indicate you have two to three minutes before the battery is too low to operate the phone.

If you continue to use your phone without charging its battery, the phone will shut down.

Activating Your Phone

Contact your Wireless Provider and follow their instructions for obtaining service, if necessary. We suggest that you read this guide to fully understand the services your phone supports.

Warning!: Your touch screen responds best to a light touch from the pad of your finger or a non-metallic stylus. Using excessive force or a metallic object when pressing on the touch screen may damage the tempered glass surface and void the warranty (see *"Warranty Information"* on page 126).

Turning Your Phone On

1. Press and hold the key until the display lights.

Note: As with any other radio-transmitting device, do not touch the antenna while using your phone as this can affect call quality and can cause the phone to operate at a higher power level than is necessary.

2. The phone begins searching for a network signal.
3. Once the phone finds a signal, the time, date, and day appear near the top of the display.
4. You're now ready to place and receive calls.

Note: If you are outside of your carrier's coverage or roaming area, the No Service icon ( ) appears at the top of the phone's display. If you cannot place or receive calls, try later when service is available, or at another location.

Turn Your Phone Off

- Press and hold the key for two or more seconds. Your phone powers off.

Note: If your phone is on and you press for less than one second, the phone will not power off. This prevents your phone from being turned off accidentally.

Setting Up Your Voicemail

Voicemail allows callers to leave voice messages, which can be retrieved any time.

Note: Once your Voicemail account has been set up, you can use the **Voicemail** folder (under the **Messages** menu) to view details of voice messages in your Voicemail box.

1. In Standby mode, press and hold the key or dial your own mobile number to dial Voicemail.
2. Follow the prompts in the new user tutorial to setup your mail box.

Listen to Voicemail

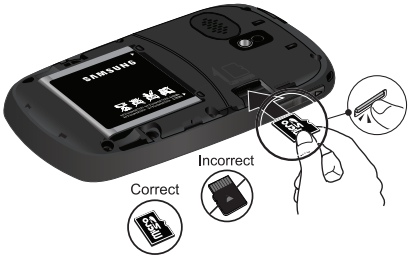
1. In Standby mode, press and hold the key or dial your own mobile number to dial Voicemail. After connecting, you will hear your voice greeting.
2. You are prompted to enter your password.

Memory Card (Optional)

Your phone has a Memory Card slot on its left side. You can install a microSD™ card to provide additional memory for storing files (such as, sound files and photos) in your phone.

Install a Memory Card

1. Remove the battery cover from the back of your phone. (For more information, refer to Step 2 of *"Remove the Battery"* on page 5.)
2. Carefully insert the memory card — label side facing up and smaller end pointing toward the phone — into the memory card slot, as shown, until you feel it click into place.



3. Replace the battery cover.

Note: When you install a microSD or microSDHC Card in your R350 phone, it creates the file folders needed for storing multimedia files. Do not add other file folders or file types to the Memory Card. This slows the phone's access to files on the Memory Card.

Remove a Memory Card

1. Remove the battery cover from the back of your phone. (For more information, refer to Step 2 of *"Remove the Battery"* on page 5.)
2. Carefully press the memory card inward until you feel it release.
3. Slowly release your pressure on the card. It will slide outward a short distance.
4. Remove the memory card from the memory card slot.
5. If desired, install another memory card. (For more information, refer to *"Install a Memory Card"* .)
6. Replace the battery cover.

Section 2: Understanding Your Phone

This section outlines some key features of your SCH-r350 phone. It also describes the screen format.

Your Phone's Features

- Domestic and international voice and text messaging service (available on participating networks).
- Large 2.2 inch (diagonally) color screen (220 x 176 pixel resolution)
- High speed data (CDMA 2000 1x Technology)
- Bluetooth® Wireless Technology (see Note)
- Global Positioning System (GPS) Technology
- Digital Assistant Tools
- QWERTY Keypad
- Text (SMS), Picture (MMS), Email, and Instant (IM) Messaging
- Built-in 1.3 Megapixel Digital Camera
- Voice Dial
- Music Player (MP3 — requires an optional Memory Card)
- Memory Card Slot (microSD™ and microSDHC™ — up to 16 Gb)

Note: The r350 phone supports the wireless headset, hands-free, A2DP, phonebook access, file transfer, and object push profiles for Bluetooth® wireless technology.

Side Views of Your Phone

Features

1. **Volume Key** — In Standby mode, lets you adjust the System Volume. When receiving a call, lets you temporarily mute the ringer.

2. **Camera Key** — From Standby mode, lights the front display backlight and launches the Camera feature of your phone. In Camera mode, takes pictures.
3. **Power / USB Connector** — Used to connect charging accessories or optional USB Data cable to your phone.
4. **Headset Connector** — Used to connect an optional headset (for hands-free operation and/or music playback) or an optional TTY device.

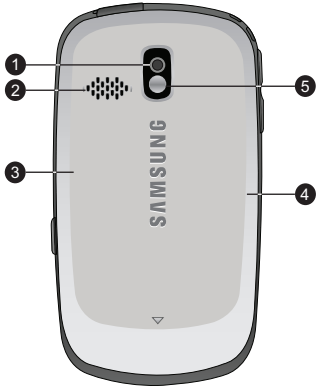
Front View of Your Phone

Features

1. **Earpiece** — Lets you hear ringing and alert tones, alarm tones, and the other parties to calls.
2. **Display** — Indicates the status of your phone, including numbers dialed, feature and function screens, status icons, message indicators and contents, signal strength, and so on.
3. **Navigation Key** — In Menu mode, lets you scroll through the phone menu options. From Standby mode, press the Navigation key Left or Right to browse the icons in the Icon Bar, or press the Navigation key Up or Down to browse or scroll through any menu panes/options or icons appearing in the display.
4. **Left Soft Key** — Used to navigate through menus and applications and to select the choice indicated at the bottom left corner of the Main LCD.
5. **Speakerphone Key** — Places the phone in Speakerphone mode. (For more information, refer to *"Speakerphone Mode"* on page 17.)
6. **Send Key** — Lets you place or receive a call. From Standby mode, press the key once to access the Recent Calls log.
7. **QWERTY Keypad** — Use these keys to enter numbers, letters, and symbols.

8. **Fn Key** — Toggles the text input mode to let you use the QWERTY keypad to enter numbers and symbols as well as letters.
9. **Shift Key** — Toggles capitalization for text input between mixed case (Abc), uppercase (ABC), and lowercase (abc). Capitalization remains as selected until you press the Shift key again.
10. **Voice SVC/Sym Key** — From Standby mode, press and hold to launch Voice SVC (Service). When entering text, press to launch a Symbols screen for selecting symbols.
11. **Microphone** — Lets the other caller hear you clearly when you are speaking to them.
12. **Space/Lock Key** — Lets you enter spaces between words and characters. Press and hold this key to lock the keypad.
13. **Calendar Key** — Launches you phone's Calendar tool. (For more information, refer to *"Calendar"* on page 80.)
14. **Messaging Key** — Launches the **Messages** menu.
15. **Enter Key** — Press to accept a text entry or to enter spaces between lines of text.
16. **Del Key** — In text entry mode, deletes characters from the display.
17. **End Key** — Ends a call. Returns you to the Home screen. If you press and hold the END key, the power goes On or Off. When you receive an incoming call, press to send the call to voicemail.
18. **BACK Key** — In text entry mode, deletes characters from the display. In menu mode, returns you to the previous menu or screen.
19. **Right Soft Key** — Used to navigate through menus and applications and to select the choice indicated at the bottom right corner of the Main Display.
20. **OK Key** — When navigating through a menu, accepts the highlighted choice in a menu. When selecting settings in an option screen, displays a list of available settings.

Rear View of Your Phone



Features

1. **Camera Lens** — The lens of your built-in camera.
2. **Speaker** — Reproduces music and other sounds played by your phone.
3. **Battery Cover** — Secures and protects the battery and the optional microSD memory card.
4. **microSD (Memory Card) Slot** — Under the Battery Cover — Lets you install and remove optional microSD Memory Card for additional image/photo storage and for music storage.
5. **Mirror** — Helps you center the camera lens when taking self portraits.

Command Keys

Soft Keys

Functions for the soft keys are indicated by labels that appear in the display above each soft key. There are two soft keys, Left ( ) and Right ( ).

Left Soft Key

Some functions of the Left soft key ( ) are as follows:

- In Standby mode, press the **Messages** soft key ( ) to open the **Messages** menu.
- In Input Mode, press the Left soft key ( ) to select the text input method.

Right Soft Key

Some functions of the Right soft key ( ) are as follows:

- In Standby mode, press the **Contacts** soft key ( ) to launch the **Contacts** screen.
- When the Right soft key function is Options, press the **Options** soft key ( ) and a pop-up menu of Options appears.

OK Key

- In Standby mode, press the **OK** key ( ) to launch the highlighted menu or feature.
- In a menu, press to accept the highlighted selection.
- In camera mode, press to take a photo. (For more information, refer to *"Camera"* on page 62.)
- In a list, press the **OK** key ( ) to view a highlighted item.

Send Key

The **Send** key ( ) is used to answer calls, dial calls, and to recall the last number(s) dialed, received, or missed.

- When receiving a call, press once to answer the call.
- Enter a number and press to make a call.
- In Standby mode, press to display a list of recent calls to and from your phone.
- Press twice In Standby mode to call the most recent number.
- Press to pick up a waiting call. Press again to switch back to the other call.

BACK Key

The **BACK** key ( ) is used to return to a previous menu or screen. In some screens, you can also use the key to erase or clear numbers, text, or symbols from the display.

- To back up one menu level, briefly press .
- To back up to Standby mode, press and hold .

Del Key

The **Del** key ( ) is used to erase or clear numbers, text, or symbols from the display.

- If you enter an incorrect character, briefly press to backspace (and delete) the character.
- To erase the entire sentence, press and hold .

End Key

- Press and hold the **End** key ( ) to turn your phone on or off.
- Briefly press once to disconnect a call.
- Press to return to Standby mode from any menu, or to cancel the last input.

Navigation Key

Use the directional keys on the Navigation key ( ) to browse menus, sub-menus, and lists.

Camera Key

To activate the camera built into your phone, in Standby mode, press and hold the Camera key ( ) — located on the right side of your phone.

In Camera mode, pressing the Camera key ( ) takes a picture.

Note: For more information, refer to *"Camera"* on page 62.

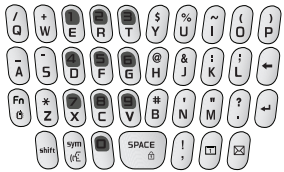
Fn Key

While in Input Mode, the Fn (Function) key ( ) lets you toggle text input modes between **Abc** and **123/Sym**.

While in Standby mode, press and hold the Fn (Function) key ( ) to activate/deactivate Vibrate Mode.

Entering Text

Your phone has a QWERTY ( ) keypad to support quick and easy text input. You can enter text as you would when using a computer keyboard.

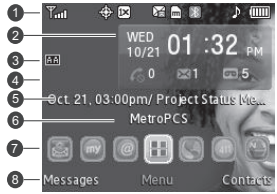


The keys are labeled with a letter on the lower half and a number or symbol on the upper half. Press the key corresponding to the character you want to enter.

In addition, you can use the following special function keys:

	Press to delete characters.
	Tip: You can also delete a character by pressing .
	Press to start a new line.
	Press once to enter a single upper case letter. Press twice to select CAPS LOCK. Press once more to remove CAPS LOCK.
	Press to pop-up the first of three pages of symbols in which you can select desired symbols.
	Press once to enter 123/Sym mode for a single character. Press twice to toggle from Abc mode to 123/Sym mode. Press once more to return to Abc (abc) mode.
	Press to insert a space in a text entry.

Understanding the Display Screen



1. The top line of your phone's display contains icons that indicate network status, battery power, signal strength, and more. (For more information, refer to *"Display Screen Icons"* on page 15.)

2. The Info Panel contains the Clock display (showing the time, day, and date) and three icons that indicate how many Missed Calls records, unread Incoming messages, and Voicemail messages you currently have. You can select these icons to access your call records and messages.
3. The fourth line in the display contains additional feature status icons, such as the Automatic Answer icon shown.
4. The central portion of the display shows information such as menus, call progress information, messages, and photos.
5. The center line shows today's Calendar event time and title, if any. If you have scheduled an event for today, you can select this line to view the event details.
6. The Banner displays text you enter in the Display Settings.
7. The Quick Launcher provides easy access to your favorite applications. Use the Left and Right Navigation keys to highlight an application, then press the OK key to launch it.
8. The bottom line of the display shows current soft key functions. The sample screen shows that pressing the Left (**Messages**) soft key will display the **Messages** menu and pressing the Right (**Contacts**) soft key will show the **Contacts-Find** screen.

Display Screen Icons

Your phone can show you definitions of the icons that appear on the top line of the display.

To access the Icon Glossary:

▶ In Standby mode, press **Menu**, then select **Settings** → **Phone Info** → **Icon Glossary**. A list appears showing the icons that can appear on the top line of the displays.

Dialogue Boxes

Dialogue boxes prompt for action, inform you of status, or warn of situations such as low battery. Dialogue boxes and their definitions are outlined below.

- Choice
  - **Example:** "Save Message?"
- Reconfirm
  - **Example:** "Erase All Messages?"
- Performing
  - **Example:** "Sending..." "Connecting..."
- Completed
  - **Example:** "Message Saved"
- Information
  - **Example:** "New Message"
- Error
  - **Example:** "System Error!"

- Warning
  - **Example:** "Low Battery," "Memory Full!"

Backlights

Backlights illuminate the display and the keypad. When you press any key or open the phone, the backlights come on. They go off when no keys are pressed within a period of time set in the Backlight menu.

Note: During a phone call, the display backlight dims and turns off after 10 seconds to conserve battery power, regardless of the Backlight setting. (For more information, refer to *"Backlight"* on page 92.)

Your Phone's Modes

Standby mode

Standby mode is the state the phone enters once it has found service and is idle. The phone goes into Standby mode:

- After you power the phone on.
- When you press after a call or from within a menu.

In Standby mode, you can use features of your Standby mode screen (For more information, refer to *"Understanding the Display Screen"* on page 14). To access other phone modes or use command keys to do the following:

Place Calls

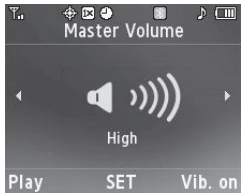
1. In Standby mode, enter a phone number, and press to place a call.
2. Press to return to Standby mode.

Receive Messages

You can receive Text, Picture, or Instant messages or E-mail while in Standby mode. An alert tone sounds and a notification message appears in the display when a new message arrives.

Adjust the Master Volume

From Standby mode, you can adjust the Master Volume for your phone by pressing the Volume key (on the left side of the phone) Up or Down. The Master Volume controls the volume of all sounds played by your phone, such as ringers, alerts, alarms, and multimedia files.



1. From Standby mode, press the Volume key Up or Down to set the Master Volume as desired.
2. When you are satisfied with the setting, press **SET** ( ). Your phone returns to Standby mode.

Call Answer Mode

You can choose to answer a call by pressing any key except , , or or by pressing only . (For more information, refer to *"Call Settings"* on page 94.)

Talk Mode

You can place and receive calls only when your phone is on. While in a call, your phone is in talk mode and you have the following options available:

- You can conduct the call by launching Speakerphone mode. (For more information, refer to *"Speakerphone Mode"* on page 17.)
- To mute your phone's microphone, press **Mute**.
- For a menu of additonal options, press **Options**. (For more information, refer to *"In-Call Options Menu"* on page 24.)

Enter/Exit Vibrate Mode

Silences the tones your keypad makes when you press a key and replaces all ringers with vibration. (For more information, refer to *"Adjust the Master Volume"* on page 16.)

Note: In Standby Mode, you can also press and hold the Function (Fn) Key to enter/exit Vibrate Mode.

To enter Vibrate Mode:

- In Standby mode, press the Volume key Down until the **Master Volume** screen shows **Vibrate**. The phone vibrates and the Vibrate Mode icon ( ) appears in the display.

To exit Vibrate Mode:

- While in Vibrate mode and Standby mode, press the Volume key Up until the **Master Volume** screen shows a setting other than **Vibrate**. The Vibrate Mode icon ( ) disappears from the display.

Speakerphone Mode

Speakerphone mode lets you use your phone hands-free and/or share calls with others.

- **Entering Speakerphone Mode** — In Standby mode or during a call, press and hold .
- **Exiting Speakerphone Mode** — In Standby modeor during a call, press and hold . During a call, press and hold , or end the call.

Hands-free Mode

Hands-free mode lets you operate your phone remotely, without touching it other than to turn it on or off.

To place your phone in Hands-free mode, do one of the following:

- Connect an optional wired headset.

  – or –
- Pair and connect an optional Bluetooth technology headset or hands-free car kit. (For more information, refer to *"Add New Device"* on page 79.)

Camera Mode

Camera mode lets you take pictures with your phone's camera. In Camera mode, you can also adjust the resolution and appearance of your pictures.

(For more information, refer to *"Camera"* on page 62.)

- **Entering Camera Mode** — In Standby mode, press and hold the Camera key ( ) — on the right side of the phone — then select **Camera**.
- **Exiting Camera Mode** — Press .

Note: You can also enter Camera mode while in Standby mode, by selecting **Menu** ➔ **Multimedia** ➔ **Camera**.

Input Mode

Input mode determines how you enter text, numbers, and symbols. Optional text input modes are **T9word**, **T9Word**, **T9WORD**, **abc**, **Abc**, **ABC**, **123/Sym**, **Symbols**, and **Emoticons**. While at any text entry screen, press the left soft key , , or to toggle between the optional modes. (For more information, refer to *"Entering Text"* on page 14.)

Tip: You can toggle between **abc**, **Abc** and **ABC** entry modes or between **T9word**, **T9Word**, and **T9WORD** entry modes by pressing .

You can toggle between **Abc** and **123/Sym** entry modes by pressing .

Lock Mode

When the phone is in Lock Mode, restrictions are placed on phone use. You can receive calls and messages, but cannot place outgoing calls (except for emergency numbers) until you unlock the phone. Lock Mode also restricts access to menus and the Volume key. You can lock the phone manually, or configure the phone's settings to lock automatically.

Manually Locking Your Phone

Press and hold .

Unlocking Manual Lock

Press the left soft key **Unlock**, then press .

Unlocking Automatic Lock

Press the right soft key Unlock, then enter the lock code when prompted. (For more information, refer to *"Lock Phone"* on page 98.)

This section provides procedures for making and answering calls. This section also describes features, such as call logs and call timers, that help you make calls and manage your call time.

Making a Call

1. With the phone on, enter the number you wish to call using the keypad.
2. Press to place the call.

Emergency Calls

When you call an Emergency Number, such as 911, your Samsung SCH-r350 phone locks itself in emergency mode, only allowing you to make calls to the emergency call center you originally contacted. This enables emergency operators to more easily dispatch aid, such as police, fire fighting, and emergency medical personnel.

1. With the phone on, enter the Emergency Number you wish to call using the keypad.

Note: You can define up to 3 emergency numbers in your phone. (For more information, see *"Emergency #"* on page 98.)

2. Press to place the call.

Tip: If you need to make an emergency (911) call with Airplane mode enabled, just dial the emergency number and press . (For more information, see *"Airplane Mode"* on page 97.)

Three-way Calling

Call two other numbers and connect them to your call using three-way calling.

1. In Standby mode, enter the number for the first party in your call, then press .
2. When connected, ask the other party to remain on the line. Press to place them on hold.
3. Enter the second party's phone number and press .
4. When the second party answers, press to connect all three parties.

Manual Pause Calling

To manually call a number with pause(s) without storing it in your Contacts list:

1. In Standby mode, enter the number you wish to call.
2. Press **Options**. The following pause options appear in the display:
   - **2-Sec Pause** — A 2-second pause after which dialing resumes.

- **Wait** — A hard pause (waits for input from you).

3. Select the desired pause to enter it into the number sequence.
4. Press to call the number.

Tip: Press **Save** to store pauses along with the number if you plan to call the number frequently.

Speed Dialing

Speed Dialing lets you place a call to any Contact stored in your Contacts list by dialing the Contact's Location number.

1-Touch Dialing

Use 1-touch dialing to speed dial Contacts from 1 (Voicemail) through 9.

- In Standby mode, press and hold the number key corresponding to the desired Contact's speed dial number.

Example: To speed dial the Contact assigned speed dial 5, press and hold .

2-Touch Dialing

Use 2-touch dialing to speed dial Contacts from 10 through 99.

1. In Standby mode, press and release the number key representing the first digit of the desired Contact's speed dial number.
2. Press and hold the number key representing the second digit of the desired Contact's speed dial number.

Example: To speed dial the Contact assigned speed dial 35, press then press and hold .

3-Touch Dialing

Use 3-touch dialing to speed dial Contacts from 100 through 999.

1. In Standby mode, press and release the number key representing the first digit of the desired Contact's speed dial number.
2. Press the number key representing the second digit of the desired Contact's speed dial number.
3. Press and hold the number key representing the third digit of the desired Contact's speed dial number.

Example: To speed dial the Contacts entry assigned to speed dial 325, press , press , then press and hold .

Voice Dialing

The voice recognition capabilities of your Samsung SCH-r350 are exceptional due to advanced, speaker-independent technology. This means you do not need to "train" your phone to understand your voice. You can use your voice *in a natural manner* to dial numbers.

Note: End Calls Before relaunching the VoiceSignal voice recognition software — When you use Voice Dialing to make a call, you must end that call before you can use other Voice Commands. See *"Voice SVC"* on page 58 for more information.

Use the **Call** command to dial any number stored in your Contacts list by saying the name of the contact (Name Dialing). You can also use **Call** to dial any telephone number, even numbers not stored in your contact list, by speaking the individual digits in the number (Digit Dialing).

Voice Dialing Tips:

- Wait for the beep before speaking.
- Speak clearly at a normal volume, as if you were talking to someone on the phone.
- When saying a name, say the first name then the last name.

Dialing a Name

To dial a name, do the following:

1. In Standby mode, press and hold .

   "**Say a command**" appears in the display and is pronounced through the earpiece.
2. Say, "**Call**".

   You are prompted to "**Say the name or number**".
3. Speak clearly and say the name of a person in your Contacts list, first name followed by last name.

   If the name is recognized, Voice Dial repeats the name and dials the number.

   If Voice Dial is not sure which name you said, it displays a choice list of up to three names and prompts you with "**Did you say?**" followed by the first name on the list.
4. Say "**Yes**" to confirm the name or "**No**" to hear the next name, or use the keypad to select the correct name from the list. (See *"Choice Lists"* on page 59, for more information.)
   - Press **Repeat** to say the name again.
   - Press to exit VoiceSignal without dialing.

   If the recognized name has multiple numbers stored for it (that is, Mobile, Work, Home, and so on), Voice Dial displays the possible choices and prompts you with "**Which number?**"
5. Say one of the following number types:
   - "**Home**"
   - "**Work**"
   - "**Mobile**"

   Voice Dial dials the specified number.

Dialing a Number

To dial a number using Voice Dial, do the following:

1. In Standby mode, press and hold .

"**Say a command**" appears in the display and is pronounced through the speaker.

2. Say "**Call**".

   VoiceSignal prompts you to "**Say the name or number**."

3. Speak clearly and say the telephone number of the person you want to call.
   For example, say "7 8 1 9 7 0 5 2 0 0."

   If it recognizes the number, Voice Dial repeats it and dials the number. If Voice Dial is not sure it has recognized the number, it displays a choice list of up to three numbers and prompts you with "**Did you say?**" followed by the first number on the list.

4. Say "**Yes**" to confirm the number or "**No**" to hear the next one, or use the keypad to select the correct number from the list. (See *"Choice Lists"* on page 59, for more information.)
   - Press **Repeat** to say the name again.
   - Press [end] to exit VoiceSignal without dialing.

Pause Dialing From a Contacts Entry

- If you voice dial a contact that contains 2-Sec Pause(s) simply wait for the pauses to pass and the dialing to complete.
- If you voice dial a contact that contains Wait(s), wait for the appropriate prompt(s) from the number you are calling (credit card number, bank account number, and so on) and enter the appropriate response(s).

Answering a Call

Incoming

When you receive a call, the phone displays one of the following:

- If the caller can be identified, the caller's number (or name if it's in your Contacts) appears in the display.
- If the caller cannot be identified, **Call from unavailable #**, **Call from restricted #**, or no number appears in the display.

Tip: Assign pictures to Contacts entries. The entry's assigned picture appears in the display when you receive a call from that entry. (See *"Assigning a Picture to a Contacts Entry"* on page 34).

The phone continues to notify you of the call until one of the following events occur:

- You answer the call.
- The calling party ends the call.
- The call is sent to voicemail.

Call Notification Features

Your phone notifies you of a call in a variety of ways.

- Ringing or vibration, depending on your phone's settings.
- Different ring types or melodies to distinguish callers.
- Name display with caller ID. (If the caller's name is programmed into your Contacts).

- Information about the last 90 each of incoming, missed, and outgoing calls are automatically stored to a call log.

Set Call Ringer Volume

1. In Standby mode, press the Volume key on the left side of the phone.
2. Press the Volume key up or down to set the call ringer volume as desired.
3. Once you're satisfied with the setting, press . The phone returns to Standby mode.

Tip: You can also enter the **Volume** > **Voice Calls** sub-menu from Standby mode by selecting **Menu** ➔ **Settings** ➔ **Sound Settings** ➔ **Master Volume**. Use the Volume key on the right side of your phone to adjust the ringer volume setting.

Note: The Vibrate icon ( ) appears in the display when the Master Volume is set to **Vibrate**. The Vibrate/Ring icon ( ) appears in the display when the Master Volume is set to a value between **Low** and **High** and you press **Vib. On**.

Call Answer

Select from two methods for answering calls. This option can be changed in the **Settings** menu.

1. In Standby mode, select **Menu** ( ) ➔ **Settings** ➔ **Call Settings** ➔ **Call Answer**.

   The following options appear in the display:

   - **Any Key** — Pressing any key except , , or answers a call.
   - **Send Key** — Only pressing answers a call.
2. Select Call Answer option of your choice.

Call Waiting

If you're on a call, your phone beeps when you receive a second call. Call Waiting lets you answer the second call and alternate between both calls.

Note: Contact your Wireless Provider for availability.

1. Press to place the first call on hold, answer the second call, and ask the caller to remain on the line.
2. Press to place the second call on hold and return to the first call.
3. Press to alternate between calls.

Caller ID

Caller ID lets you identify who is calling you by displaying a caller's number. If the caller's name and number are stored in Contacts, the caller's name also appears. If you've assigned a picture to the entry, it appears in the display as well.

Call Block

You can prevent your number from displaying on another phone's caller ID screen by enabling **Call Block**.

1. In Standby mode, press 2, 6, 8.
2. Enter the number you wish to call, then press .

Silence an Incoming Ring

To temporarily silence the incoming call ringer:

- While your phone is ringing, press the Volume key (), on the left side of the phone, up or down.

Ignore an Incoming Call

Ignored calls are immediately forwarded to Voicemail.

To ignore an incoming call:

- While your phone is ringing, press **Ignore**. The incoming call is forwarded to Voicemail.

In-Call Options Menu

You can access a number of menus and features even while in a call.

1. While in a call, press **Options**. The following options pop-up in the display:
   - **Message** — Display the Messages menu.
   - **Contacts** — Display the Contacts menu.
   - **Recent Calls** — View your recent calls log.
   - **Send DTMF** — Send your phone number as DTMF tones to the other person on the call.
   - **Voice Privacy** — When set to **Enhanced**, the phone sounds an audible beep when you loose privacy (encryption) on a CDMA connection. For this option to work correctly, you must have the Enhanced privacy option enabled in the Security settings. (This option is enabled by default.)
   - **Location** — Turn your GPS location on or set GPS location for emergency calls only.
2. With the above menu displayed, do one of the following:
   - Select a menu or feature to access the menu or activate the highlighted feature.
   - Press **Cancel** to exit the menu.

Calls

Your phone has Call Logs that retain information about Outgoing, Incoming, and Missed Calls. The **Calls** menu lets you access this information for future reference, to return calls, and to add new Contacts. You can also view times for your last call and the total of all calls.

Tip: To quickly view a list of your most recent calls (outgoing, incoming, and missed), briefly press while in Standby mode. The **All Calls** screen, listing up to 270 of your most recent calls, appears in the display.

1. In Standby mode, select **Menu** ( ) ➔ **Calls** ➔ **Outgoing Calls** / **Incoming Calls** / **Missed Calls** / **All Calls**. A list of your selected calls appears in the display.
2. Highlight a call. You have the following options:
   - To call the other party, press .
   - To compose and send a message to the othe party, press **Msg**. The **Send Message** menu appears in the display. (For more information, refer to *"Create and Send Text Messages"* on page 42 or *"Send Picture Messages in Standby mode"* on page 45.)
   - To view further information about the call, press **OPEN** ( ).
   - To access further options, press **Options**. The following options appear in the display:
     - **Save** — Save the number to your Contacts.
     - **Details** — Contacts calls only — Lets you view the Contacts entry for the recipient of this call.
     - **Erase** — Erase the selected call from your Outgoing calls list.
     - **Lock/Unlock** — Blocks/permits erasure of the selected call from your Outgoing call list.
     - **Erase all** — Erase all unlocked calls from your Outgoing call list.
     - **View Timer** — **Call Timer** screen appears in the display listing the number and types of calls and their total durations. (See *"Call Timer"* on page 25 for more information.)

   Select an option to perform its function.

Erase Logs

You can erase Outgoing, Incoming, Missed, or All Calls.

1. In Standby mode, select **Menu** ( ) ➔ **Calls** ➔ **Outgoing Calls** / **Incoming Calls** / **Missed Calls** / **All Calls**. A list of your selected calls appears in the display.
2. Press **Options**, then select **Erase all**. "**Erase all entries?**" prompts you to confirm erasure of all calls from the selected Calls log.
3. To Erase the calls, press **Yes**. To keep the calls, press **No**.

Call Timer

View the duration of your last call, total calls, and calls made during the life of your phone using the Call timer feature. Call timer is not for billing purposes.

1. In Standby mode, select **Menu** ( ) ➔ **Calls** ➔ **Call Timer**. The following options appear in the display:
   - **Last Call** — Shows the duration of your last call.
   - **Outgoing Calls** — Shows the number and total duration of all calls originated by your phone since the last reset.
   - **Incoming Calls** — Shows the number and total duration of all calls made to your phone since the last reset.
   - **Roaming Calls** — Shows the number and total duration of all calls originated by and made to your phone while roaming and since the last reset.

- **All Calls** — Shows the number and total duration of all calls originated by and made to your phone since the last erasure.
- **Last Reset** — Shows the date and time all counters, except **Lifetime Calls**, were reset.
- **Lifetime Calls** — Shows the duration of all calls on your phone since activation (Lifetime timers cannot be reset).

2. If desired, highlight a particular timer.
3. To reset the highlighted timer, press **Reset**.

   To reset all of the timers except **Lifetime Calls**, press **Reset All**.

Note: Although Total call timers can be erased, LifeTime call timers can never be erased.

Data Counter

Use Data Counter to view the amount of data that has been sent or received (or a total of both) using the data services that your phone supports. The Data Counter can be a helpful tool for monitoring data usage, especially if your service agreement has specified limits.

1. In Standby mode, select **Menu** ( ) ➔ **Calls** ➔ **Data Counter**. The following options appear in the display:
   - **Transmitted** — Shows the amount of data (in kilobytes) that your phone has transmitted since last being reset.
   - **Received** — Shows the amount of data (in kilobytes) that your phone has received since last being reset.
   - **Total** — Shows the amount of data (in kilobytes) that your phone has transmitted and received since last being reset.
   - **Last Reset** — Shows date and time the Data Counters (except Lifetime Data Counter) were last reset.
   - **Lifetime Data Counter** — Shows the amount of data (in kilobytes) that your phone has transmitted and received since being activated.
2. To reset a timer other than Lifetime Data Counter, highlight the timer you want to reset and press **Reset**.
3. To reset all timers except **Lifetime Data Counter**, press **Reset All**.
4. Press to exit the **Data Counter** screen.

Note: Although other data counters can be reset, only the **Lifetime Data Counter** can never be reset.

Store Numbers from Call Logs

Store numbers from your **Outgoing**, **Incoming**, **Missed**, and **All** calls logs to Contacts.

Tip: In Standby mode, briefly press to display the **All Calls** list. You can then select any call in the list to save to **Contacts**.

1. In Standby mode, select **Menu** ( ) ➔ **Calls** ➔ **Outgoing Calls** / **Incoming Calls** / **Missed Calls** / **All Calls**. A list of your

selected calls appears in the display.

2. Highlight the call whose number you wish to store in Contacts.
3. Press **Options**, then select **Save**.
   - To add the number as a Contacts entry, select **Create New**.
   - To add the number to an existing Contact, select **Update Existing**.
4. Follow the prompts to store the number to Contacts.

This section explains the menu navigation for your phone.

Menu Navigation

Access the menus and sub-menus in your phone using the Navigation key ( ) and soft keys (or), or use a shortcut.

1. In Standby mode, select **Menu** ( ). The Main Menu (the first of several menus) appears in the display.
2. Use the Navigation key to browse through the menus.
3. Press to enter the menu or sub-menu that appears in the display.
4. Press **Back** or to return to the previous menu.

Return to the Previous Menu

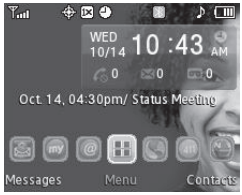
- Press **Back** / **Cancel**.
- When **Back** / **Cancel** does not appear in the display, press .

Using Menu Shortcuts

Use menu shortcuts to quickly access menus and sub-menus. From a numbered menu, press the number to the left of the menu label to jump to the desired menu, sub-menu, or feature.

Example: To jump to the **Outbox** sub-menu, select **Menu** ( ), then press (for **Messages**) and for **Outbox**.

Using Shortcut Icons



You can also access menus and sub-menus using Shortcut Icons, and without the menu-based drill down.

1. In Standby mode, highlight the desired shortcut icon by pressing the Navigation key Left or Right. The name of the shortcut icon appears above it.
2. Press to launch the related application.

Using the Info Panel

Info Panel lets you directly access Missed Calls records (1), unread Incoming messages (2), and Voicemail (3).

1. In Standby mode, highlight an icon in the Info Panel by pressing the Navigation key Down once or Up twice.
2. Select the desired Info Panel icon by pressing the Navigation key Left/Right, then pressing .

This section details how you can manage your daily contacts by storing their names and numbers in your Contacts list. You can have your Contacts entries sorted by name.

Note: Although the procedures in this section are written for the phone keypad, you can also perform these procedures using the QWERTY keypad.

Contacts

Up to 1000 entries can be stored in Contacts. Each entry can have up to five associated phone numbers and one e-mail address. Each phone number can be up to 32 digits in length, including **2-Sec** or **Wait** pauses (For more information, refer to *"Manual Pause Calling"* on page 19), and associated names can be up to 32 characters in length. You can assign the Speed Dial numbers of your choice for each entry. You can also mark your Contacts list as Restricted to prevent unauthorized viewing. (For more information, refer to *"Restrictions"* on page 100.)

Tip: Speed Dial **One-Touch Dialing**, **Two-Touch Dialing**, and **Three-Touch Dialing** allow you to call numbers stored in Contacts faster.

Open Contacts

1. In Standby mode, press **Messages**.

   – or –

   Select **Menu** ( ) ➔ **Contacts**.

   The following options appear in the display:

   - **Find** — Find a phone number By Name.

Tip: You can also access the **Find** option from Standby mode, by pressing the **Contacts** shortcut (Up Navigation) key.

Tip: To launch the Contacts menu using a voice command — In Standby mode, press and hold until the phone prompts, "**Say a command.**" Say "**Go to Contacts**" into the microphone.

   - **Add New Contact** — Add a number or e-mail address to your Contacts.
   - **Speed Dial** — Assign a Contacts entry to a Speed Dial number. (For more information, refer to *"Speed Dial"* on page 36.)
   - **Group** — Review, send messages to, add Contacts to, or rename four out of your five groups. (For more information, refer to *"Contacts Groups"* on page 37.)
   - **Metro411** — Launches Metro411 Directory Assistance. (For more information, contact your Wireless Provider.)

Tip: You can also launch Metro411 from Standby mode by selecting .

- **Memory Info** — Display used and available memory for Contacts entries.

2. Select the desired option.

Tip: You can also press the keypad number key that corresponds to the menu option number.

Finding a Contacts Entry

Voice Method

Use the Voice SVC Lookup command to view contact information for any named contact stored in your Contacts list by saying the name.

Note: The **Lookup** command shows the requested contact information in the display but does not dial any phone numbers for the contact.

To look up information for a specific contact:

1. In Standby mode, press and hold to launch **Voice SVC**.

   "**Say a Command**" appears in the display and is pronounced through the speaker.

2. Say "**Lookup**".

   Voice SVC prompts you to "**Say the name.**"

3. Speak clearly and say the full name of the person you want to call, exactly as it is entered in your Contacts list.
   - If VoiceSignal recognizes the name you said, the contact information for that name appears in the display.
   - If VoiceSignal does not recognize the name you said, a choice list of up to three names appears in the display, and VoiceSignal prompts you with "**Did you say?**" followed by the first name on the list.

4. Say "**Yes**" to confirm the name or "**No**" to hear the next name, or use the keypad to select the correct name from the list. (For more information, refer to *"Choice Lists"* on page 59.)
   - To say the name again, press **Repeat**.
   - To exit VoiceSignal without dialing, press BACK.

5. The contact information for the name you selected appears in the display.
   - To dial the number associated with the name, press .
   - To erase this entry from your Contacts list, press **Erase**.
   - To add or change information for this entry, press **EDIT**.
   - For more options, press **Options**. The following options pop-up in the display:
     - **Send Message**
     - **Call**
     - **Send Name Card Via Bluetooth**

Shortcut Key Method

If you've stored a name entry in Contacts, **Find** allows you to find it quickly.

1. In Standby mode, press **Contacts**.

   The **Find** screen appears in the display with the **Go To** field and the first Contacts entry highlighted.

Tip: You can also access the **Find** screen from the **Contacts** menu by selecting **Find**.

2. Enter a name *as entered in Contacts*. (For more information, refer to *"Entering Text"* on page 14.)

   As you enter letters, the closest match appears on the display.

3. When the desired entry is listed in the display, highlight the entry.
   - To dial the default number associated with the name, press .

Tip: You can select another number assigned to the name by using the Left/Right navigation keys.

- To add or change information for this entry, press **Edit**.
- To show information about this entry, press **VIEW**.
- For more options, press **Options** and the following options appear on the pop-up menu:
  - **New Contact** — Add a new entry to Contacts.
  - **Erase** — Erase the name and associated information.
  - **Send Message** — Create and send a text message to the selected Contact.
  - **Call** — Dial the number associated with the name.
  - **Send Name Card Via Bluetooth** — Send a copy of a Contacts entry to another Bluetooth device.
- Select an option. The selected option's sub-menu appears in the display.

Adding a New Contacts Entry

You can use either of two methods to add an entirely new entry to Contacts.

Dial Method

1. In Standby mode, enter the number you wish to add to your Contacts.
2. Press **Save**, then select **Create New**. The **Create New** screen appears in the display showing the following icons:

   Mobile **Home** **Work**

   Pager **Fax**

3. Select the number type that matches your new entry.
4. Enter a name to associate with the Contacts entry. (For more information, refer to *"Entering Text"* on page 14.)
5. Press **SAVE** ( ) to save the new entry.

Menu Method

1. From the **Contacts** menu, select **Add New Contact**.

The **Add New Entry** screen appears in the display with the **Name** field highlighted.

2. Enter the name of the new entry using either keypad. (For more information, refer to *"Entering Text"* on page 14.)
3. Highlight one of the following fields:
   - **Mobile**
   - **Pager**
   - **Ringtone**
   - **Home**
   - **Email**
   - **Fax**
   - **Work**
   - **Group**
4. Enter a phone number or e-mail address in the highlighted field.
5. Repeat steps 3 and 4 as needed.
6. Press **SAVE** ( ) to save the new entry.

Editing a Contacts Entry

Editing Contacts Name and Numbers

1. Find the Contacts entry you wish to change. (For more information, refer to *"Finding a Contacts Entry"* on page 30.)
2. Highlight the entry and press **VIEW**. The **View Contact** screen appears in the display showing the highlighted entry's information.
3. Press the Navigation key Up/Down to review the information for the entry that you wish to change, then press **EDIT**. The **Edit Contact** screen appears in the display.
4. Highlight the particular information you want to add or change.
   - To backspace and delete numbers or letters, press .
   - To clear all numbers or letters in the highlighted field, press and hold .
   - For more options, press **Options** and the following options pop-up in the display:
     - **Set Speed Dial** / **Remove speed dial** — Assign/remove a speed dial number (For more information, refer to *"Speed Dial"* on page 36).
     - **Set as default** — Set the number the phone will dial when Contacts dialing, speed dialing, or voice dialing.
     - **Wait** — A hard pause (waits for input from you).
     - **2-Sec Pause** — A 2-second pause after which dialing resumes (For more information, refer to *"Add Pauses to Contacts Numbers"* on page 33).

   Select the desired option.
5. When you're finished changing the contents of a field, press **SAVE** ( ). Your changes are saved and a confirmation message appears in the display.

Add Pauses to Contacts Numbers

Calls to automated systems such as banking services often require a password or account number. Instead of manually entering these numbers, you can store them in a Contacts entry with the phone number and with special characters called pauses, up to a maximum of 32 digits.

- **2-Sec Pause** — Stops the calling sequence for two seconds, then sends the remaining digits.
- **Wait** — Stops the calling sequence until the phone receives further input.

Note: You can enter multiple Waits to extend the length of a pause. For example, two consecutive Waits cause a total pause time of four seconds. Keep in mind that pauses count as digits towards the 32-digit maximum.

To add pauses to a Contacts entry number, do the following:

1. Find the Contacts entry associated with the number you want to include one or more pauses. (For more information, refer to *"Finding a Contacts Entry"* on page 30.)
2. Select and edit the desired number. (For more information, refer to *"Editing a Contacts Entry"* on page 32.)
3. Press **Options**. The following pause options appear in the display:
   - **2-Sec Pause** — A 2-second pause after which dialing resumes.
   - **Wait** — A hard pause (waits for input from you).
4. Select the desired pause to add it to the number sequence.
5. When you're finished entering information, press **SAVE** ( ) to store the number to Contacts.

Pause Dial from Contacts

1. If you stored the number using 2-second pause(s), simply recall the number from Contacts.
2. If you stored the number using Wait(s), recall the number from Contacts and wait for the appropriate prompt from the dialed number.
3. Press to dial the number.

Edit an Existing E-mail Address

1. Find the Contacts entry you want to edit. (For more information, refer to *"Finding a Contacts Entry"* on page 30.)
2. Highlight the desired Contacts entry, then press **Edit**.

   The **Edit Contact** screen appears in the display.
3. Highlight the **Email** field.
4. Use either keypad to edit the e-mail address. (For more information, refer to *"Entering Text"* on page 14.)
5. Press **SAVE** ( ) to save your changes.

Assigning a Picture to a Contacts Entry

When you assign a picture to a Contacts entry, the picture you assign appears in the display when you receive a call from that Contact.

1. Find the Contacts entry you want to edit. For more information, refer to *"Finding a Contacts Entry"* on page 30.
2. Highlight the desired Contact, then press **Edit**.

   The **Edit Contact** screen appears in the display.
3. Highlight the **Picture ID** field (at the top of the **Edit Contact** screen), then press **Set**.

   A photo gallery screen appears in the display, showing a series of thumbnail photos. (For more information, refer to *"Using My Images Gallery"* on page 72.)
4. Select the picture that you wish to assign to the Contacts entry.

   If there is no usable picture in the photo gallery screen:
   - Press **Camera**. The camera viewfinder screen appears in the display.
   - Press **Take**. The picture you have taken appears in the display.
   - Press **OK**.
5. The Contacts entry screen appears in the display with a thumbnail view of the selected picture in the Picture ID field.
6. Press **SAVE** to save your Picture ID assignment.

Assigning a Ringtone to a Contacts Entry

When you assign a ringtone to a Contacts entry, the phone plays the ringtone that you assign when you receive a call from that Contact instead of the Voice Calls ringtone.

1. Find the Contacts entry you want to edit. For more information, refer to *"Finding a Contacts Entry"* on page 30.
2. Highlight the desired Contact, then press **Edit**. The **Edit Contact** screen appears in the display.
3. Highlight the **Ringtone** field, then press **Set**. The **My Ringtones** file list appears in the display.
4. Select the ringtone or sound that you wish to assign to the Contacts entry. The Contacts entry screen appears in the display with the name of the selected file in the **Ringtone** field.
5. Press **SAVE** to save the ringer assignment to the selected Contacts entry.

Saving a Number After a Call

Once you finish a call, you can store the caller's number to your Contacts list.

Note: If the call was incoming and Caller ID information was unavailable, then the **Save** option is also unavailable.

1. Press to end your call. The call time, length of call, phone number, and name of the party (if available) appear in the display.
2. Press **Save**. The Save screen appears in the display showing the following options:
   - **Create New** — Lets you create a new Contacts entry.
   - **Update Existing** — Lets you add the number you entered to an existing Contacts entry.
3. Select the desired option, then follow the instructions in the upcoming sub-sections depending on whether the number is a new entry or you are adding it to an existing entry.

Create a New Entry

1. From the **Save** screen, select **Create New**. The **Create New** screen appears in the display showing the following number type options:

   Mobile **Home** **Work**

   Pager **Fax**

2. Select the number type that matches your new entry.
3. Enter a name for the new entry. (For more information, refer to *"Entering Text"* on page 14.)
4. Press **SAVE** to save the new entry to your Contacts list.

Add to an Existing Entry

1. From the **Save** screen, select **Update Existing**. The **Update Existing** screen appears in the display showing your Contacts list with the **Go To** field and the first Contacts entry highlighted.
2. Find and select the Contacts entry to which you want to add the new number. (For more information, refer to *"Finding a Contacts Entry"* on page 30.)

   The following number type options appear in the display:

   Mobile **Home** **Work**

   Pager **Fax**

Note: Number types that are already assigned a number show the number instead of the number type label.

3. Select the desired unassigned number type. The Contacts entry information appears in the display with the new number posted in the appropriate number type field.
4. Press **SAVE** to save your changes to the existing entry.

Speed Dial

A Contacts entry's Speed Dial number corresponds to the number keys you press to speed dial one of that entry's numbers. For example:

- To speed dial the Contacts entry assigned to Location 5, press and hold 5, (1-touch dialing).
- To speed dial the Contacts entry assigned to Location 35, press 3, then press and hold 5, (2-touch dialing).
- To speed dial the Contacts entry assigned to Location 235, press 2, press 3, then press and hold 5, (3-touch dialing).

You can assign one or more Speed Dial numbers to a Contacts entry during new entry creation or by editing an existing entry.

Assignment During Entry Creation

To assign a Speed Call number to a new Contacts entry number, do the following:

1. Follow either of the New Contacts entry procedures (For more information, refer to *"Adding a New Contacts Entry"* on page 31) until you enter a name for the entry.
2. After entering the Contacts entry name, **do not press** . Instead, highlight the number field to be assigned a Speed Dial number.
3. Press **Options**, then select **Set Speed Dial**. The **Speed Dial** screen appears in the display.
4. Highlight an **Unassigned** Speed Dial number or enter an **Unassigned** Speed Dial number in the **Go To** field using either keypad.

Important!: Do not enter Speed Call numbers 1, 211, 311, 411, 611, or 911. These numbers are already assigned to Voicemail (001), information, Customer Care, and to emergency use (911).

5. Press **SET** ( ). You are prompted to confirm your Speed Dial number assignment.
6. Press **Yes** to save your Speed Dial assignment and return to the **Add New Entry** screen.

   Press **No** to discard the assignment and return to the **Speed Dial** screen.
7. Press to save your changes.

Changing a Speed Dial Location

1. Find the Contacts entry you want to edit. (For more information, refer to *"Finding a Contacts Entry"* on

page 30.)

2. Highlight the desired entry, then press **Edit**.
3. Highlight the number field marked by the Speed Dial icon ( ).
4. Press **Options**, then select **Remove speed dial**. "**Remove speed dial?**" prompts you to confirm your desire to remove the entry.
5. Press **Yes** to remove the Speed Dial assignment. "**Speed Dial Removed**" pops up in the display, and you are returned to the **Edit Contact** screen.
6. Do steps 2 through 7 of the "Assignment During Entry Creation" procedure on page 36.

Contacts Groups

Contact Groups let you easily send messages to multiple, selected Contacts. You can also use Groups to find Contact entries and to add/remove Contacts names in a Group or to create or rename a Group.

Add Contacts Entry to a Group

Using Add New/Edit Contact Option

To add a Contact to a Group using either the Add New Contact option or the Edit Contact option, do the following:

1. Create a Contacts entry (see *"Adding a New Contacts Entry"* on page 31 for more information) that you want to add to a Group.

   – Or –

   Find a Contacts entry (see *"Finding a Contacts Entry"* on page 30 for more information) that you want to add to a Group.
2. Highlight the **Group** field, then press **Set**.

   The Select Group screen appears in the display showing Groups similar to the following:

   - **No Group**
   - **Business**
   - **Colleague**
   - **Family**
   - **Friends**
3. Select the Group to which you want to assign the selected Contact.

   You are returned to the **Add New Entry/Edit Contact** screen and the selected Group name populates the **Group** field.
4. Press to save your changes.

Using Group Add Option

The Add option lets you add one or more existing Contacts to a Group.

1. From the **Contacts** menu, select **Group**.

   The **Group List** screen appears in the display showing Groups similar to the following:

   - **No Group**
   - **Business**
   - **Colleague**
   - **Family**
   - **Friends**

2. Highlight a Group, then press **Options**. The following options pop-up in the display:

   - **Send Message**
   - **Rename**
   - **Erase**
   - **Add**

3. Select **Add**. The **Add Contacts** screen appears in the display showing all Contacts entries.
4. Do one of the following:

   - Highlight a Contacts entry you want to add to the group, then press **MARK** ( ). A checkmark appears in the entry's checkbox.

     Repeat as needed to check all the desired Contacts.

   - Press **Options** → **Mark All** to mark all Contacts.

Note: To unmark a marked Contact, highlight the Contact and press **MARK** ( ) to clear the checkmark. To unmark Contacts, press **Options** → **Mark All**

5. When you have marked the Contacts you want to add to the group, press **Done**. "**Contact added to group**" appears in the display, followed by the selected Group list including the added Contacts.

Rename a Group

The Rename option lets you change the name any of the Groups, except **No Group**.

1. From the **Contacts** menu, select **Group**. The **Group List** screen appears in the display.
2. Highlight a Group name (other than **No Group**) that you wish to change, then press **Options**.
3. Select **Rename**.

   The **Rename Group** screen appears in the display.

4. Enter changes to the group name using either keypad. (For more information, refer to *"Entering Text"* on page 14.)
5. When you have completed your changes to the Group name, press **SAVE**.

   "**Group Renamed**" appears in the display followed by the Group List screen showing your renamed Group.

Add a New Group

The **New** option lets you add Groups.

1. From the **Contacts** menu, select **Group**. The **Group List** screen appears in the display.
2. Press **New**. The **New Group** screen appears in the display.
3. Enter a new group name using either keypad. (For more information, refer to *"Entering Text"* on page 14.)
4. Press **SAVE**. "**Group Saved**" appears in the display followed by the Group List screen showing your new Group.

Erase a Group

The **Erase** option lets you delete a Group, thus freeing you to reassign the Contacts formerly in the Group.

1. From the **Contacts** menu, select **Group**. The **Group List** screen appears in the display.
2. Highlight the Group you wish to delete, then press **Options**, and select **Erase**.

   You are prompted to confirm the Group erasure.
3. Press **Yes** to confirm erasure of the highlighted Group. Press **No** to retain the Group.

Note: When you delete a Group, the assigned Contacts entries return to **No Group**.

Deleting a Contacts Entry

1. Find the Contacts entry you want to delete. (For more information, refer to *"Finding a Contacts Entry"* on page 30.)
2. Highlight the desired entry, then press **Options**, and select **Erase**. The phone prompts you to confirm the erasure.
3. Press **Yes** to confirm erasure of the selected Contact. Press **No** to retain the Contact.

Metro411

The **Metro411** menu option lets you access Metro411 Directory Assistance service.

▶ From the **Contacts** menu, select **Metro411**.

A **Metro411 Diretory Assistance** screen appears in the display.

Tip: If Metro411 is not pre-installed on your phone, @metro automatically lauches so that you can locate and download the Metro411 application.

Downloading Metro411

You can download Metro411 from your Wireless Provider's server using **@metro**. For information on airtime charges, contact your Wireless Provider.

1. At the **@metro** screen, select **MobileShop** ( ). The catalog menu appears in the display.

2. Search for the Metro411 application.
3. Follow the instructions in your phone's display.

Note: For more information about Metro411 Directory Assistance service, contact your Wireless Provider.

Memory Info

The **Memory Info** menu option lets you view the amount of memory you have used to store Contacts entries, as well as the memory remaining to store more Contacts entries.

▶ From the **Contacts** menu, select **Memory Info**.

The **Memory Info Contacts** screen appears in the display showing the amount of memory Used and remaining (Free) for Contacts entries.

With @metro, you can download full featured applications over the air including games, personalized ring tones, pictures, and more. You can send and receive instant messages and email, or browse the web to catch up on all the latest news.

This section outlines how to obtain games and other applications for your phone. For more information, contact your Wireless Provider.

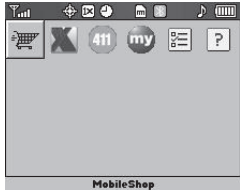
Accessing @metro (Mobile Shop)

1. In Standby mode, select **@metro** ( ).

   – or –

   In Standby mode, select **Menu** ( ) ➔ **@metro** ➔ **@metro**.

   The **@metro** screen appears in the display as shown.



Applications Shopping and Downloading

Download games, ring tones, e-mail, and more using the **Mobile Shop**. For information on airtime charges, contact your Wireless Provider.

1. At the **@metro** screen, select **MobileShop**. The catalog menu appears in the display.
2. Follow the instructions in your phone's display.

Note: Please check with your Wireless Provider for availability of applications.

Section 7: Messages

This section explains how to send or receive different types of messages. This section also describes the features and functionality associated with messaging.

Note: Although the procedures in this section are written for the phone keypad, you can also perform these procedures using the QWERTY keypad.

Types of Messages

Your phone is able to send and receive Text, Picture, Email, and Instant messages to compatible phones and devices.

Note: Available memory is shared between all messages. You can store up to 500 Text messages (up to 160 characters each) or 100 Picture messages.

Create and Send Text Messages

1. In Standby mode, press **Messages**.

   – or –

   Select **Menu** ( ) ➔ **Messages** ➔ **Send Message** ➔ **Text Message**. The **Create Txt Msg** screen appears in the display showing the **To:** list.

Tip: To launch the **Create Txt Msg** screen using a voice command — In Standby mode, press and hold until the phone prompts, "**Say a command.**" Say "**Send Text**" into the microphone. You are then prompted to say a Contact name or a number for the first recipient of the message.

2. Enter the phone number or e-mail address of the recipient, then press **OK**. The **Text:** appears in the display.

Tip: Press **Add** to display a pop-up menu containing: **Contacts**, **Groups**, and **Recent Calls**. These options allow you to find and add recipients to the **To:** list.

3. Enter the text content of your message using the keypad. (For more information, refer to *"Entering Text"* on page 14.)
4. At any point while composing a message:
   - To change the text entry mode, press the Left soft key and select the desired text entry mode. (For more information, refer to *"Entering Text"* on page 14.)
   - To complete the message text and set message send options, press **Options**. The following options appear in the display:
     - **Edit Send To** — Edit the recipient's number or email address.
     - **Add Quick Text** — Insert pre-composed text into your message.
     - **Save As Draft** — Save the message to your Drafts box.

– **Priority Level** — Choose **High** or **Normal**.
– **Validity Period** — Enter the **Date** when this message will cease to be valid, then use the Left and Right navigation keys to choose the **Time**.
– **Delivery Ack** — Choose **On** or **Off** — Requests confirmation when your message is received.
– **Add To Contacts** — Save the recipient's number or e-mail address as a Contacts list entry.

5. Once you're finished entering your message, press **Send**.

Receive Text Messages

When you receive a message in Standby mode, the ringer sounds (unless turned off) and **New Message** appears in the display along with the closed envelope icon (✉). The date and time of the message also appear in the display along with the following options:

- **View Now** — Opens the message, where you have the option to Forward, Reply With Copy, Save Quick Text, Lock, Add To Contacts, Message Info, or Extract.
- **View Later** — Saves the message to your inbox, where you can view it later, then returns your phone to Standby mode.

Select the option of your choice.

Receive Messages While in a Call

When you receive a message while in a call, **New Message** appears in the display along with the closed envelope icon (✉). The date and time of the message also appear in the display along with the following options:

- **View Now** — Opens the message, where you have the option to Forward, Reply With Copy, Save Quick Text, Lock, Add To Contacts, Message Info, or Extract.
- **View Later** — Saves the message to your inbox, where you can view it later, and returns your phone to call mode.

Select the option of your choice.

Send Picture Messages in Camera Mode

Picture messages can be sent to recipients with compatible phones or devices. You can even accompany a Picture message with a voice memo or preloaded sound.

Tip: You can send a Picture message to up to ten recipients. Enter each recipient's address or phone number in a separate **Send to** field of the Picture message composer.

1. In Standby mode, press and hold the Camera key ( ). The camera viewfinder screen appears in the display.
2. Using the display as a viewfinder, when the image that you wish to send appears in the display, press **Take** to take a picture.

Note: For more information about using the camera feature in your phone, see *"Camera"* on page 62.

3. Press **Send** to save the picture and begin delivery process. The **Create Pic Msg** screen then appears in the display with the **Send To:** list highlighted.
4. Enter the phone number or e-mail address of the recipient of the Picture message, then press **OK**.

Tip: Press **Add** to display a pop-up menu containing: **Contact**, **Groups**, and **Recent Calls**. These options allow you to find and add recipients to the **Send To:** list.

5. The **Subject:** field appears in the display. Enter a subject for the Picture message using the keypad. (For more information, refer to *"Entering Text"* on page 14.)
6. Press the Down navigation key until the **Text:** field is highlighted, then enter the message text using the keypad. (For more information, refer to *"Entering Text"* on page 14.)
7. Your new picture appears in the **Picture:** field.
8. If you wish to insert a sound into your Picture message, use the Down navigation key to highlight the **Sound:** field and do the following; otherwise, proceed to step 10.
   - Press **Sounds**. The **My Ringtones** screen appears in the display showing the following options:
     - **Record New** — Record a new memo to insert into the message.

Note: You can record and insert a voice memo of up to 60 seconds in length, if you record first before attaching a picture. If a picture is attached before recording, the size of the voice memo is limited to the amount of remaining memory.

     - Audio files list — Select from the list of previously recorded voice memos and preloaded audio files on your phone.

     Select an option to insert a sound into your message.

     Press BACK to exit the pop-up menu without inserting a sound.
9. To complete the message text and set message send options, press **Options**. The following options appear in the display:
   - **Preview** — View the picture as the recipient will see it.
   - **Add Quick Text** — Add pre-composed text to your message.
   - **Save As Draft** — Save the message to your Draft folder.
   - **Priority Level** — Choose **High**, **Normal**, or **Low**.
   - **Validity Period** — Enter the **Date** when this message will cease to be valid, then use the Left and Right navigation keys to choose the **Time**.
   - **Delivery Ack** — Choose **On** or **Off** — Requests confirmation when your message is received.
   - **Remove Picture** — Remove the picture from your message.
   - **Remove Sound** — Remove the sound file from your message.

- **Add To Contacts** — Save the recipient's number or e-mail address as a Contacts list entry.

Select the desired option.

10. Press **SEND** to send the message. "**Pic Msg Sending**" appears in the display and a progress bar indicates the send status.

Send Picture Messages in Standby mode

Send Picture messages to recipients with a compatible phone or other device, and accompany a Picture message with a voice memo, ringtone, or downloaded melody.

Tip: You can send a Picture message to up to ten recipients. Enter each recipient's address or phone number in a separate **Send To** field of the Picture message composer.

1. In Standby mode, press **Messages**.

   – or –

   Select **Menu** ( ) ➔ **Messages**.
2. Then select **Send Message** ➔ **Picture Message**. The **Create Pic Msg** screen appears in the display with the **Send To** tab highlighted and showing the **To:** list.

Tip: To launch the **Create Pic Msg** screen using a voice command — In Standby mode, press and hold until the phone prompts, "**Say a command.**" Say "**Send Picture**" into the microphone. You are then prompted to say a Contact name or a number for the first recipient of the message.

3. Enter the phone number or e-mail address of the recipient using the keypad, then press .

Tip: Press **Add** to display a pop-up menu containing: **Contact**, **Groups**, and **Recent Calls**. These options allow you to find and add recipients to the **To:** list.

4. The **Subject:** field appears in the display. Enter a subject for the Picture message using the keypad. (For more information, refer to *"Entering Text"* on page 14.)
5. Highlight the **Text:** field, then enter the message text using either keypad. (For more information, refer to *"Entering Text"* on page 14.)
6. For a Picture Message, highlight the **Picture:** field, then press **Picture**. A photo gallery of thumbnail images appears in the display.
7. Do one of the following:
   - Select a picture to add it to your message. The picture is inserted into your message.

     To expand the highlighted picture for easier viewing, press **View**.
   - Include a new picture by doing the following:
     – Press **Camera**. The Camera viewfinder screen appears.
     – Press **Take** to take the picture.

– Press **Send**. The picture is inserted into your message.

Note: For more information about using the camera feature of your phone, see *"Camera"* on page 62.

You are returned to the **Create Pic Msg screen** with the selected picture in the **Picture:** field.

8. For a Picture Message, if you wish to insert a sound into your message, highlight the **Sound:** field, then press **Sounds**. The **My Ringtones** screen appears in the display.
9. Do one of the following:
   - Select a file from the list of previously recorded voice memos and preloaded audio files on your phone.
   - Select **Record New** and record a new voice memo, then select the new recorded sound file to add it to the message.

Note: You can record and insert a voice memo of up to 60 seconds in length, if you record first before attaching a picture. If a picture is attached before recording, the size of the voice memo is limited to the amount of remaining memory.

   - Press BACK to exit the **My Ringtones** screen without selecting a sound.
10. Press **Options** to complete the message text and set message send options. The following options appear in the display:
    - **Preview** — View the picture as the recipient will see it.
    - **Add Quick Text** — Available when the Text field is highlighted — Add pre-composed text to your message.
    - **Save As Draft** — Save the message to your Drafts folder.
    - **Priority Level** — Choose **High**, **Normal**, or **Low**.
    - **Validity Period** — Enter the **Date** when this message will cease to be valid, then use the Left and Right navigation keys to choose the **Time**.
    - **Delivery Ack** — Choose **On** or **Off** — Requests confirmation when your message is received.
    - **Remove Picture** — Remove the picture from your message.
    - **Remove Sound** — Remove the sound file from your message.
    - **Add To Contacts** — Save the recipient's number or e-mail address as a Contacts list entry.

    Select the desired option and setting.
11. Press **SEND** to send the message. "**Pic Msg Sending**" appears in the display and a progress bar indicates the send status.

Receive Picture Messages

When you receive a Picture Message in Standby mode, the ringer sounds (unless turned off) and **New Message** appears in the display along with the closed envelope icon (✉).

The date and time of the message also appear in the display along with the following options:

- **View Now** — Retrieves and opens the message, where you have the option to Reply, Forward, Delete, Save Text, Save Pic, or Save Msg.
- **View Later** — Saves the message to your inbox, where you can view it later, then returns your phone to Standby mode.

Select the desired option.

View a Picture Message Later

1. In the **Messages** menu, select **Inbox**. The **Inbox** appears in the display.
2. Select the new message. "**Connecting**" appears in the display followed by "**Retrieving**" and a progress bar indicating that the message is downloading to your phone.
3. Once a Picture message has been downloaded to your phone, the new Picture message appears in the display. If the message includes a sound file, the phone begins playing it.

Note: For more information on viewing and managing received picture messages, see *"Inbox"* on page 48.

View a Picture Message Now

1. After you select the **View Now** option, "**Connecting**" appears in the display followed by "**Retrieving**" and a progress bar indicating that the message is downloading to your phone.
2. After the Picture message has downloaded, an alert sounds, and the new Picture message appears in the display. If the message includes a sound file, the phone begins playing it.
3. While viewing your message press **Options**. The following options appear in the display:
   - **Play Again** — Play the sound file included in the picture message again.
   - **Forward** — Send a copy of this message to another recipient.
   - **Erase** — Delete the current message, if it is unlocked.
   - **Save Picture** — Save the picture included in this message to the My Images folder.
   - **Save Sound** — Save the sound file included in this message to the My Sounds folder.
   - **Lock** / **Unlock** — Block/permit erasure of the highlighted message.
   - **Add To Contacts** — Save the sender's number to your Contacts.
   - **Message Info** — Shows message delivery status, addressee, size, and so on.
   - **Extract** — Call the sender of the received message.
4. Select an option to perform its function.

Email

▶ In Standby mode, do one of the following:

- Select **mail@metro** ( ).
- Press **Messages**, then select **Email**.
- Select **Menu** ( ) ➔ **Messages** ➔ **Email**.

The **Email** screen appears in the display.

IM

▶ In Standby mode, do one of the following:

- Select **Mobile IM** ( ).
- Press **Messages**, then select **IM**.
- Select **Menu** ( ) ➔ **Messages** ➔ **IM**.

The **IM** screen appears in the display.

Message Boxes

Your phone stores messages in any one of five message boxes. The subsections that follow describe each message box in detail.

Inbox

Received messages of all types (except Voicemail) are stored in the **Inbox**.

1. In the **Messages** menu, select **Inbox**. The **Inbox** appears in the display showing a list of received messages.

Tip: While in a call, press **Options**, then select **Messages**.

2. Highlight the message you wish to view, then press **OPEN** to view contents of the highlighted message.
3. While viewing your message, press **Options**. The following options appear in the display:
   - **Play again** — Picture Messages Only — Replay the sound or video attached to the message.
   - **Forward** — Send a copy of this message to another recipient.
   - **Reply With Copy** — Text Messages Only — Compose and send a reply message to the originator of the received message and include a copy of the original message.
   - **Save Picture** — Picture Messages Only — Save the picture included in this message to the My Images folder.
   - **Save Sound** — Picture Messages Only — Save the audio file (sound) included in this message to the My Sounds folder.
   - **Save Quick Text** — Text Messages Only — Save the text in this message as a new Quick Text.
   - **Lock** / **Unlock** — Block/permit erasure of the message.
   - **Add To Contacts** — Save the sender's number to your Contacts.
   - **Message Info** — Shows message delivery status, addressee, size, and so on.
   - **Extract** — Call the sender of the received message. Extract
4. Select an option to perform its function.

Messages and Lock Mode

Your phone can still receive messages while in Lock Mode. The time and date of the message appear in the display, but you cannot access the message until you enter the lock code.

Managing Inbox Messages

1. In the **Messages** menu, select **Inbox**. The **Inbox** appears in the display showing a list of received messages.
2. Highlight a message in the list. You have the following options:
   - To remove the highlighted message from the Inbox, press **Erase**.
   - To review the highlighted message, press **OPEN**.
   - For more options, press **Options**. The following options appear in the display:
     - **Reply** — Compose and send a reply message to the originator of the received message.
     - **Reply With Copy** — Text Messages Only — Compose and send a reply message to the originator of the received message and include a copy of the original message.
     - **Forward** — Send a copy of this message to another recipient.
     - **Lock** / **Unlock** — Block/permit erasure of the highlighted message.
     - **Add To Contacts** — Save the sender's number to your Contacts.
     - **Erase Multiple** — Delete selected unlocked messages from the Inbox.
     - **Message Info** — Shows message delivery status, addressee, size, and so on.

Select an option to perform its function.

Outbox

Your phone stores messages in the Outbox, regardless of whether the message was successfully transmitted. Verify if and when a message or e-mail was successfully received by enabling the Enh. Delivery Ack/Delivery Ack feature.

Managing Outbox Messages

1. In the **Messages** menu, select **Outbox**. Your list of sent messages appear in the display.
2. Highlight a message in the list. You have the following options:
   - To remove the highlighted message from the Inbox, press **Erase**.
   - To review the highlighted message, press **OPEN**.
   - For more options, press **Options**. The following options appear in the display:
     - **Forward** — Send the highlighted message to another recipient.
     - **Resend** — Send another copy of the highlighted message to the original recipient.
     - **Lock** / **Unlock** — Block/permit erasure of the highlighted message.
     - **Add To Contacts** — Save the recipient's number to your Contacts.
     - **Erase Multiple** — Select unlocked messages for deletion.
     - **Message Info** — Shows message delivery status, addressee, size, and so on.

Select an option to perform its function.

Draft Box

Messages in the Draft Box are those that have been composed but never sent. You can return to the Draft Box at any time to view, edit, or send a draft message.

Create a Draft Message

1. In the **Messages** menu, select **Send Message** and then select one of the following Send Message options:
   - **Text Message**
   - **Picture Message**

   The **Create Txt Msg** / **Create Pic Msg** screen appears in the display showing the **To:** list.
2. Enter the phone Number or Email address of a recipient, then press **OK**.

Tip: Press **Add** to display a pop-up menu containing: **Contacts**, **Groups**, and **Recent Calls**. These options allow you to find and add recipients to the **Send To:** list.

3. Compose your message using the keypad, press **Options**, then select **Save As Draft**. "**Message saved in drafts**" appears in the display and your message is saved to the Drafts box.

View and Edit Draft Text Messages

1. In the **Messages** menu, select **Drafts**. A list of any draft messages that you've saved appears in the display.
2. Highlight a text message that you wish to view or edit, then press **EDIT**. The **Create Txt Msg** screen appears in the display.
3. Enter or change the recipient's number and/or e-mail address and the message text using the keypad. (For more information, refer to *"Entering Text"* on page 14.)
4. To complete the message text and set message send options, press **Options**. The following options appear in the display:
   - **Edit Send To** — Change, add, or remove recipients from this message.
   - **Add Quick Text** — Insert pre-composed text into your message.
   - **Save As Draft** — Save the message to your Drafts box.
   - **Priority Level** — Choose **High** or **Normal**.
   - **Validity Period** — Enter the **Date** when this message will cease to be valid, then use the Left and Right navigation keys to choose the **Time**.
   - **Delivery Ack** — Choose **On** or **Off** — Requests confirmation when your message is received.
   - **Add To Contacts** — Save the recipient's number or e-mail address to your Contacts.

5. Select an option to perform its function.
6. When you have completed composing your message, press **SEND** to send it.

View and Edit Draft Pic. Messages

1. In the **Messages** menu, select **Drafts**. A list of any draft messages that you've saved appears in the display.
2. Highlight the picture message that you wish to view, then press **EDIT**. The **Create Pic Msg** screen appears in the display.
3. Make any needed changes and press **Options**. The following options appear in the display:
   - **Preview** — Shows the message contents.
   - **Add Quick Text** — Insert pre-composed text into your message.
   - **Save As Draft** — Saves the changed message to the Draft Box.
   - **Priority Level** — Choose **High**, **Normal**, or **Low**.
   - **Validity Period** — Enter the **Date** when this message will cease to be valid, then use the Left and Right navigation keys to choose the **Time**.
   - **Delivery Ack** — Choose **On** or **Off** — Requests confirmation when your message is received.
   - **Remove Picture** — Remove image included in draft message.
   - **Remove Sound** — Remove sound file included in draft message.
   - **Add To Contacts** — Save the recipient's number or e-mail address to your Contacts.
4. Select an option to perform its function.
5. When you have completed composing your message, press **SEND** to send it.

Managing Draft Messages

1. In the **Messages** menu, select **Drafts**. A list of any draft messages that you've composed appears in the display.
2. Highlight a message, then do one of the following:
   - To remove the highlighted message from the **Drafts** box, press **Erase**.
   - To access other options, press **Options**. The following options appear in the display:
     - **Send** — Send the highlighted message to the number or e-mail address currently included with the message.
     - **Lock** / **Unlock** — Block/permit erasure of the highlighted message.
     - **Add To Contacts** — Save the recipient's number and/or e-mail address to your Contacts.
     - **Save Quick Text** — Save the message text as Quick Text for insertion into other messages.
     - **Erase Multiple** — Delete selected unlocked draft messages.

     Select an option to perform its function.

Voicemail

Messages in your voice mailbox are logged in the Voicemail box of the **Messages** menu. Open the Voicemail box to view the details of the Voicemail message.

When you're notified of a new voicemail message by an alert tone and the new message icon, the following options pop:

- **Listen Now** — Calls your voice mailbox and lets you listen to your messages.
- **Listen Later** — Returns you to Standby mode where you can choose to call your mailbox and review your messages at a later time.

Listen to Voicemail Now

1. In Standby mode, select **Listen Now** in the New Voicemail pop-up. Your phone automatically calls your voice mailbox.
2. Follow the voice prompts to access your voicemail messages.

Listen to Voicemail Later

If you have chosen to review your voicemail messages at a later time:

1. In the **Messages** menu, select **Voicemail**. The **Voicemail** screen appears in the display, showing the number of new voicemail messages received and the date and time the latest message was received.

Tip: You can also access your voicemail from Standby mode, by pressing and holding 1 to speed call your voice mailbox.

2. Follow the voice prompts to access your voicemail messages.

Erase Messages

You can erase all of the messages in any or all of message boxes using one convenient sub-menu.

Note: This function erases all messages in the selected message box. To delete a single message, go to the respective message box, highlight the message, and press **Erase**. (For more information, refer to *"Managing Inbox Messages"* on page 49, *"Managing Outbox Messages"* on page 49, or *"Managing Draft Messages"* on page 51.)

1. In the **Messages** menu, select **Erase Messages**. The following options appear in the display:
   - **Inbox** — Deletes all unlocked messages stored in the Inbox.
   - **Outbox** — Deletes all unlocked messages stored in the Outbox.
   - **Drafts** — Deletes all unlocked messages stored in the Drafts box.
   - **All Messages** — Deletes all unlocked messages stored in all of the message boxes, except Voicemail.
2. Select the message box containing the messages you want to delete. You're prompted to confirm the erasure of all messages in the selected box or in all boxes.

3. To delete the messages, press **Yes**. To cancel deleting the messages, press **No**.

Message Settings

Use the **Msg Settings** sub-menus to define settings for general, text, and picture messages.

General Message Settings

1. In the **Messages** menu, select **Msg Settings** ➔ **General**. The following options appear in the display.
   - **Auto Save** — Choose whether your messages are saved automatically when you exit them (**On**, **Off**, **Prompt**).
   - **Auto Erase** — Choose to receive (**On**) or not receive (**Off**) a warning message when you delete a message.
   - **Quick Text** — Edit your pre-composed messages, which can then be inserted into new messages.
   - **Voicemail #** — Edit or view your Voicemail number.
   - **Entry Mode** — Choose the default method for entering text into messages (**T9word**, **T9 Word**, **T9WORD**, **abc**, **Abc**, **ABC**, **123/Sym**).
   - **Callback #** — Choose whether to include a callback phone number with your outgoing messages, and enter the number to be included.
   - **Signature** — Choose whether to include a text signature in outgoing message text, and enter the text to be included.
   - **Reminder** — Select whether and how often you will hear and/or feel a reminder that you have received a message (**Once**, **Every 2 Minutes**, **Every 15 Minutes**, **Off**).
2. Select the desired option, then select the desired setting or enter the desired value.

Editing and Entering Quick Text

1. In the **Messages** menu, select **Msg Settings** ➔ **General** ➔ **Quick Text**. The **Quick Text** sub-menu appears in the display.
2. Select a Quick Text you want to change.

Note: You cannot change the pre-defined Quick Text included with your phone.

3. To create a new Quick Text, press **New**.

Tip: You can also create new Quick Text by viewing/editing an Outbox message and using the **Save Quick Text** option in the **Options** menu. See *"Managing Outbox Messages"* on page 49 for more information.

4. Enter/change the text content of your Quick Text using either keypad. (For more information, refer to *"Entering Text"* on page 14.)
5. To save your finished Quick Text, press . The **Quick Text** menu appears in the display with your new Quick Text highlighted.

Text Message Settings

1. In the **Messages** menu, select **Msg Settings → Text Message**. The following options appear in the display.
   - **Auto View** — On/Off (default) — With Auto View **On**, the full content of a text message appears in the display as the messages is received.
   - **Signature** — Create a signature, which can be included at the bottom of outgoing message text.
   - **Auto Scroll** — On/Off — With Auto Scroll **On**, the full content of a text message automatically rolls upward on the display, one screen-full at a time.
   - **Message View** — Chat/Normal (default) — With Message View set to **Chat**, multiple text messages exchanged with a single addressee appear as a chat session.
2. Select the desired option, then select the desired setting or enter the desired value.

Picture Message Settings

1. In the **Messages** menu, select **Msg Settings → Picture Message**. The following options appear in the display.
   - **Auto Receive** — On/Off — With Auto Receive **On**, Picture messages automatically download and display as they are received. With Auto Receive **Off**, you are prompted to download Picture messages.
   - **Signature** — Create a signature, which can be included at the bottom of outgoing Picture message text.
   - **Reply** — Select type of message to be sent (**TXT Message** or **Picture Message**) when you reply to Picture messages.
2. Select the desired option, then select the desired setting or enter the desired value.

This section outlines how to launch MetroWEB, how to navigate to other pages on the web, and how the keys on the QWERTY keypad are used with the web application. Additionally, links to other sites are briefly discussed.

MetroWEB

With MetroWEB, you can conveniently surf the web and download ringtones and wallpapers using your phone. Each time you launch MetroWEB, your phone connects to the Internet and the service indicator icon ( ) appears in the display.

Stored Web Content

MetroWEB ends an Internet connection after a certain period of inactivity, however some information from your session remains stored in the phone (if you leave your phone turned on). You can access this information without reconnecting to the Internet. However, if you are viewing stored information, and you select a link to a site that was not accessed in your last session, you automatically re-connect to the Internet.

Launching MetroWEB

1. In Standby mode, do one of the following to launch **MetroWEB**:
   - Select **MetroWEB** ( ).

   – Or –
   - Select **Menu** ( ) ➔ **MetroWEB** ➔ **MetroWEB**.
2. A list of categories (each representing one or more web sites) appears in the display.
3. Use the arrow keys to browse the categories.
4. Once the desired category is highlighted, press to enter the category list.

Exit MetroWEB

▶ To exit **MetroWEB**, press .

Using MetroWEB

When you use MetroWEB, some of the keys operate differently than during a normal phone call. MetroWEB presents on-screen items in any of the following ways:

- Text or numeric input.
- Links (embedded in content).
- Numbered options (some may not be numbered).
- Simple text.

You can act upon options or links by using the soft keys.

MetroWEB soft keys

At the bottom of the MetroWEB display is a bar that contains browser commands. The Left and Right ( ) soft keys on the keypad are used to execute the commands that appear in their respective corners of the display. These are called “soft keys” because their functions change depending on the application.

Using Links

Links have several purposes, such as jumping to a different page, to a different site, or even initiating a phone call. Links are shown inside of brackets ([ ]). You can normally use the Left soft key ( ) to select a link when it is highlighted.

How MetroWEB Keys Work

The following table lists MetroWEB keys and their functions.

Navigation Key — Use to browse lists and options.

Back Key — Press once to back up one page. Press and hold to go back to home page. Press once to clear the last number, letter, or symbol entered. Press and hold to completely clear the entry.

SHIFT Key — Press before entering text to enable uppercase characters.

Spacebar — Press to insert a space when entering text.

Number 1 thru 0 — Use the number keys to select items in a menu if they are numbered.

End Key — Press to exit the MetroWEB and return the phone to Standby mode.

Left Soft Key — Press to activate the command that appears above it in the display.

Right Soft Key — Press to activate the command that appears above it in the display.

Section 9: Loopt®

With Loopt, you can locate friends on a map, using GPS technology.

This section outlines how to launch Loopt. For more information, contact your Wireless Provider.

Accessing Loopt

1. In Standby mode, select **Loopt** ( ). The **Loopt** screen appears in the display, as shown.

Tip: If Loopt is not pre-installed on your phone, @metro automatically lauches so that you can locate and download the Loopt application.

Downloading Loopt

You can download Loopt from your Wireless Provider's server using **@metro**. For information on airtime charges, contact your Wireless Provider.

1. At the **@metro** screen, select **MobileShop** ( ). The catalog menu appears in the display.
2. Search for the Loopt application.
3. Follow the instructions in your phone's display.

Note: Please check with your Wireless Provider for availability of the Loopt application.

This section explains how you can use and customize your phone's Voice SVC voice recognition feature.

Voice SVC Options

Your Samsung SCH-r350 includes Nuance Vsuite, state-of-the-art voice recognition software that lets you use your voice to dial numbers, access your Contacts list, and open Tools. To access your phone's voice recognition, do the following:

1. In Standby mode, select **Menu** ( ) ➔ **Tools** ➔ **Voice SVC**. The following options appear in the display:
   - **Voice Commands** — Lets you place calls, access your Contacts List, review your appointments, and more by speaking commands into your phone. Also see *"Voice Dialing"* on page 20 and *"Voice Method"* on page 30 for more information.
   - **Voice Settings** — Lets you tailor Vsuite to better respond to your voice and your phone use preferences. See *"Digit Dialing"* on page 60 for more information.
2. Select the desired sub-menu.

Voice Commands

To access the Voice Command menu, do one of the following:

- In Standby mode, press and hold .

  "**Say a Command**" appears in the display and plays through the earpiece, followed by a list of available commands.
- In Standby mode, select **Menu** ( ) ➔ **Tools** ➔ **Voice SVC** ➔ **Voice Commands**.

Note: You can also set your phone to start VoiceSignal when you connect an optional headset to the phone. (For more information, see *"Voice Launch"* on page 61)

The following voice commands appear in the display:

- **Call** — Lets you dial the phone by saying any name stored in your Contacts list, without ever having to record, or "train" that name. VoiceSignal automatically voice-activates all your Contacts, even if you have hundreds of them stored on your phone. You can also dial any telephone number, even if it is not stored in your Contacts list, by saying the digits in the number. (For more information, refer to *"Voice Dialing"* on page 20.)
- **Send Text** — Lets you access **Messages** ➔ **Send Message** ➔ **Text Message**.
- **Send Picture** — Lets you access **Messages** ➔ **Send Message** ➔ **Picture Message**.
- **Lookup** — Lets you find a Contact by name and review the Contact's information.

- **Go to** — Lets you access the following list of your phone's features and functions:
  - **Contacts**
  - **Calls**
  - **Messages**
  - **MetroWEB**
  - **@metro**
  - **VoiceSVC**
  - **Multimedia**
  - **Tools**
  - **Settings**
- **Check** — Lets you say a single command (such as "**Status**") to verify your phone's: **Status**, **Signal**, **Coverage**, **Battery**, or **My phone #**.

Note: Speaking clearly, say the command that you want to use. If VoiceSignal does not recognize a command, it prompts you to repeat the command. If VoiceSignal still does not recognized the command, it tells you "**Sorry, no match found**" and cancels voice recognition.

Voice Command Tips:

- Make sure you wait for the beep before speaking.
- Speak clearly at a normal volume, as if you were talking on the phone.

Voice Settings

To access the Voice Settings menu:

▶ In Standby mode, select **Menu** ( ) ➔ **Tools** ➔ **Voice SVC** ➔ **Voice Settings**.

Choice Lists

When Vsuite cannot recognize a name or number, it displays a choice list of up to three possible choices, and prompts you to confirm the correct one.

You can select how Vsuite will use choice lists with name dialing, digit dialing, and Contacts.

To change the way Vsuite uses choice lists:

1. From the **Voice Settings** menu, select **Choice Lists**. The following options appear in the display:
   - **Automatic** — Vsuite displays a choice list only when it is not sure if it has correctly recognized the name or number.
   - **Always On** — Vsuite always displays a choice list, even when there is only one choice.
   - **Always Off** — Vsuite never displays a choice list.
2. Select a new setting or press to return to the **Voice Settings** menu.

Sensitivity

1. From the **Voice Settings** menu, select **Sensitivity**.
2. Use the Up and Down navigation keys to adjust the selected Sensitivity setting incrementally between **Reject More** spoken commands or names and **Reject Less** spoken commands or names.

3. Press OK to accept the new setting. Press BACK to discard the new setting and return to the **Voice Settings** menu.

Digit Dialing

If you regularly have trouble with Vsuite not recognizing the numbers you speak, try adapting digit dialing to your voice. Adapting can improve the accuracy of digit recognition, especially for people with strong regional accents.

Note: After you adapt Digit Dial, your phone is customized to your voice, and your voice only. Others will not be able to use it unless they reset the phone to factory defaults.

Adaptation involves recording several sequences of four digits each. The recording process takes about a minute.

Tips for Adapting Digit Dialing

- Use Adapt Digits in a quiet place.
- Make sure you wait for the beep before starting to speak.
- Speak clearly, and say each digit distinctly.
- If you make a mistake while recording a sequence of digits, or if there is an unexpected noise that spoils the recording, re-record that sequence.
- Only adapt digits if you are regularly having problems with digit dialing. Once you adapt, digit dialing will not work as well for other people using your phone. (You can always reset digit adaptation to its original state, as described below.)

Adapt Digits

To adapt digit dialing, do the following:

1. From the **Voice Settings** menu, select **Digit Dialing** ➔ **Adapt Digits**. Your phone displays text describing the Adapt Digits process.
2. Press OK. Your phone displays the first digit sequence and "**Please say**" plays through the speaker followed by the four digits appearing in the display.
3. Wait for the beep and say the digits using your normal tone of voice. After a moment, the phone plays back the recording and prompts "**Did the recording sound ok?**"
   - If the recording was good, say "**Yes**."
   - If you need to re-record, say "**No**."

   If you say "**No**," the phone prompts you to pronounce the digits again. Wait for the beep and then say the digits.

   Repeat this step until you're satisfied with the recording.
4. After confirming that the recording sounds "**OK**", continue the recording process with the next set of digits.
5. After 10 sets of digits, the phone asks whether you want to do more adaptation. Answer "**Yes**."

6. Repeat steps 4 and 5 for another 10 sets of digits. After the second group of 10 sets of digits, "**Adaptation complete**" plays through the speaker and you are returned to the **Digit Dialing** menu.

Reset Digits

To reset digit dialing to factory default settings, do the following:

1. From the **Voice Settings** menu, select **Digit Dialing** → **Reset Digits**. The phone prompts you to confirm digit rest.
2. To reset your digit adaptation, press **OK**. To cancel, press **Back**.

Sound

Sound lets you specify what (if any) text prompts you want your phone to read to you through the earpiece.

1. From the **Voice Settings** menu, select **Sound**. The following options appear in the display:
   - **Prompts** — On/Off — Enables or disables audio prompts.
   - **Digits** — On/Off — Enables or disables digit playback.
   - **Names** — On/Off — Enables or disables name playback.
   - **Name Settings** — Lets you adjust the **Speed** (**Faster** or **Slower**) and **Volume** (**Louder** or **Softer**) of your phone's audio name playback.
2. Select the desired option and the desired setting.

Voice Launch

To set the key or action that launches Nuance Vsuite, do the following:

1. From the **Voice Settings** menu, select **Voice Launch**. The following options appear in the display:
   - **Key Only** — Press and hold to activate Voice Launch for one call.
   - **Key/EarMic** — Attach a headset to your phone. Press and hold , or press and hold the button on the headset to activate Voice Launch.
2. To save the new setting, press . To discard the new setting and return to the **Voice Settings** menu, press .

About

This option causes the **About Nuance** screen to appear in the display, showing version and build information about the Vsuite software included on your phone.

▶ From the **Voice Settings** menu, select **About**.

The **About Nuance** screen appears in the display showing the version level of the Vsuite software currently installed on your phone.

Section 11: Camera

Use your Samsung SCH-r350 phone to take full color digital pictures, display them on your phone's vivid color display, and instantly share them with family and friends. It's fun, and as easy to use as a traditional point-and-click camera. This section explains how you can do the following:

- Take pictures with your phone's built-in digital camera.
- Send and receive pictures taken with your phone's camera.
- Set the several options associated with the camera that help you take crisp, clear pictures.

Taking Pictures

Taking pictures with the built-in camera is as simple as choosing a subject, pointing the lens (located on the rear of your phone, at the top), and pressing a button.

Taking Snap Shots (Single Pictures)

To take a single picture using the current camera settings, do the following:

1. In Standby mode, press and hold the Camera key ( ) on the right side of the phone. The camera viewfinder screen appears in the display. (For more information, refer to *"Screen Layout"* on page 64.)

Note: You can also activate the camera by selecting **Menu** ( ) ➔ **Multimedia** ➔ **Camera**.

2. Using the display as a viewfinder, point the camera at your subject.
3. When the image that you wish to capture appears in the display, press the Camera key ( ) or press **Take**. The photo you've taken appears in the display.
   - To discard the photo, press **Erase**.
   - To send the photo as part of a Picture message, press **Send**.
   - To save the picture to memory, press **Save**.

Tip: You can change a number of the camera's settings to suit particular uses for your pictures. For more information, refer to *"Camera Options"* on page 66.

Taking Multi Shot Pictures

When taking pictures of moving subjects or subjects you cannot pose, such as children and pets, the camera's Multi Shot mode simplifies the process of taking multiple pictures in quick succession. After taking Multi Shot pictures, the camera automatically displays thumbnail views of the pictures you have just taken so you can select the best picture(s) and discard the rest.

1. In Standby mode, press and hold the Camera key ( ) on the right side of the phone. The camera viewfinder screen appears in the display. (For more information, refer to *"Screen Layout"* on page 64.)

Note: You can also activate the camera from Standby mode by selecting **Menu** ( ) ➔ **Multimedia** ➔ **Camera**.

2. Press **Options**, then highlight / / / . The following options appear in the display:
   - **Single Shot** — Take one photo with each press of the Camera button.
   - **Series Shot** — Take a series of 5 photos automatically.
   - **Mosaic Shot** — Lets you take a mosaic photo that combines multiple shots. Choose 2X2 for 4 shots, or 3x3 for 9 shots.
   - **Fun Frames** — Lets you temporarily apply one of the preloaded picture frames in your phone to characterize or enhance one or more pictures.

   When you select **Series Shot**, the Series progress bar (0/5) appears in the display.
3. Using the display as a viewfinder, point the camera lens at your subject.
4. Press **Take** or the Camera key ( ). The camera takes one picture (**Single Shot**) or multiple pictures in quick succession (**Series Shot** or **Mosaic Shot**).
5. To save the picture(s) to memory, press **Save**.

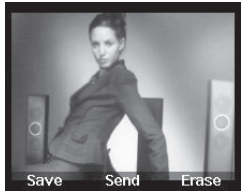
   To discard the pictures, press **Erase**.

Point, Click, and Send Pictures

Take a picture and send it to anyone with a compatible device in a few easy steps.

1. In Standby mode, press and hold the Camera key ( ) on the right side of the phone. The camera viewfinder screen appears in the display.
2. Using the display as a viewfinder, take the desired picture by pressing the Camera key ( ) or pressing **Take**.

The photo review screen appears in the display.



3. Press **Send**. The **Create Pic Msg** screen appears in the display.
4. Enter or add the recipient(s) phone number(s) or e-mail address(es). (For more information, refer to *"Send Picture Messages in Camera Mode"* on page 43.)
5. To save the address(es), press **OK**.
6. Select other message fields as needed. (For more information, refer to *"Send Picture Messages in Camera Mode"* on page 43, and see *"Send Picture Messages in Standby mode"* on page 45.)
7. When you are finished composing your message, press **SEND** to send the Picture message to the intended recipient(s).

Screen Layout

When you activate your phone's camera, the second line of the display is reserved for the current camera resolution setting and the picture counter. The center of the display shows a viewfinder image of the subject at which the camera is pointed.

Camera Screen Icons

The following icons appear in the Camera screen when the **Icon Display** Camera setting is set to **Display All**. For more information on this setting, see *"Icon Display"* on page 69.

Mode — Indicates Camera mode.

Shooting Mode (Single Frame) — Takes one photo with each press of the Camera key ( ).

Shooting Mode (Series) — Takes 5 pictures automatically when you press the Camera key ( ).

Shooting Mode (Mosaic) — Combines 4 or 9 pictures into one image, depending upon the Mosaic setting you select.

Shooting Mode (Fun Frame) — Adds a selected colorful frame to your next picture.

Size — Indicates the current camera resolution setting. (For more information, refer to *"Size"* on page 66.)

Quality — Indicates camera's picture quality setting. [You can change the picture quality setting. (For more information, refer to *"Quality"* on page 66.)]

White Balance — Indicates the current White Balance setting (Auto shown). Other options are:

Sunny

Cloudy

Tungsten

Fluorescent

(For more information, refer to *"White Balance"* on page 67.)

Night Shot — Indicates whether your phone is ready to take photos in low light: **Off** (shown) or **On** ( ).

Photo Limit — Indicates the available number of photos you can take. [Depending on the camera size and quality settings. (For more information, refer to *"Size"* on page 66 and *"Quality"* on page 66.)]

Zoom/Brightness — Set the size and brightness of the picture using the Navigation key.

Self Timer in use — Delays the camera shutter for 2/5/10 seconds (**10 Sec.** shown) after you press the Camera key ( ).

Phone Memory — Indicates photos will be stored in the phone's memory.

Card Memory — Indicates photos will be stored on a microSD Memory Card.

Saving Pictures

After you've taken a picture, you can do any of the following:

- **Save the picture** by pressing **Save**.

  On your phone, a picture is stored in the **My Images** folder. This folder is part of the phone's memory and/or part of an optional Memory Card devoted to storing, browsing, and viewing saved pictures. (For more information, refer to *"The Photo Gallery"* on page 70.)
- **Access the My Images folder** by pressing **My Images**.
- **Send the picture** to someone else by pressing **Send**.

For a detailed procedure, see *"Send Picture Messages in Camera Mode"* on page 43.

- **Discard the picture** by pressing **Erase**.

Camera Options

The Camera Option buttons let you adjust the default camera settings to suite available lighting, the subject of the photo, or the purpose of the photo.

Shooting Mode

Shooting Mode lets you select Fun Frames and/or take multiple pictures in succession when you press the Camera key ( ).

1. In camera mode, press **Options**, then highlight / / / . The following options are available:
   - **Single** — 1 picture taken when your press the Camera key ( ).
   - **Series Shot** — 5 new pictures taken in succession.
   - **Mosaic** — 4 or 9 new shots taken in succession and combined into a single picture in an array.
   - **Fun Frames** — Selected colorful frame added to your next picture.
2. Select the desired option and setting. The related icon appears in the display.

Note: When the Shooting Mode option is set to a value other than **Single**, either a Series Shot progress bar (0/5) or a Mosaic Shot progress icon (or) appears in the viewfinder screen.

When you press the Camera key ( ), the camera takes several pictures in rapid succession (**Multi** and **Mosaic**).

Size

Change the size (in bytes) of your pictures using the Size setting.

1. In camera mode, press **Options**, then highlight 1280 960 / 640 480 / 320 240 / 176 144. The following options are available:
   - **1280x960** pixels
   - **640 X 480** pixels
   - **320x240** pixels
   - **176x144** pixels
2. Select the desired option. You're returned to the camera viewfinder screen.

Note: The Size setting affects zoom capabilities. When Size is set to **1280x960** pixels, zoom is not available. When Size is set to any value lower than **1280x960** pixels, zoom settings **1** – **8** are available.

Quality

You can affect how much your picture is compressed, thereby reducing it's overall size, not to be confused with picture Size (resolution).

1. In camera mode, press **Options**, then highlight SF / F / N. The following options appear in the display:

- **SuperFine**
- **Fine**
- **Normal**

2. Select the quality setting of your choice. You're returned to the camera viewfinder screen.

White Balance

White Balance allows you to adjust picture quality according to available light.

1. In camera mode, press **Options**, then highlight / / / / . The following options appear in the display:
   - **Auto** — The camera automatically adjusts color balance to available light.
   - **Sunny** — Use this setting when taking photos in full sun.
   - **Cloudy** — Use this setting when taking photos in cloudy conditions.
   - **Tungsten** — Use this setting when taking photos under incandescent lights.
   - **Fluorescent** — Use this setting when taking photos under fluorescent lights.
2. Select the White Balance you wish to use. The camera viewfinder screen appears in the display with your selected White Balance applied.

The next time you press the Camera key ( ), the camera applies the selected White Balance to your photo.

Night Shot

Night Shot lets you take pictures in low light conditions.

1. In camera mode, press **Options**, then highlight / . The following options appear in the display:
   - **Off**
   - **On**
2. Select the Night Shot setting of your choice. You're returned to the camera viewfinder screen.

Self Timer

Self Timer lets you delay taking a picture long enough to let you join others in a picture.

1. In camera mode, press **Options**, then highlight / / / . The following options are available:
   - **Off**
   - **2 Sec.**
   - **5 Sec.**
   - **10 Sec.**
2. Select the desired Self Timer option. If you select **2**, **5**, or **10**, the Self Timer icon appears in the camera screen in the display.

When you press the Camera key ( ), the countdown timer indicates the time remaining before the camera takes the picture.

Tip: To stop or disable the Self Timer without resetting it, press .

Color Effects

Change the look of your pictures with Color Effects. Choose from six available settings such as Green, Negative, and Sepia. The selected color effect previews in the display before you take the picture.

1. In camera mode, press **Options**, then highlight . The following options pop-up:

Note: To disable Color Effects, choose **Normal**.

- **Normal** — Subjects and pictures appear with a normal hue.
- **Black&White** — Subjects and pictures appear in black and white.
- **Sepia** — Subjects and pictures appear in a brownish-gray hue.
- **Negative** — Subjects and pictures appear in inverted colors.
- **Green** — Subjects and pictures appear in a greenish hue.

2. Select the color effect of your choice. You're returned to the camera viewfinder screen.

   When you take your next picture, the phone's display previews your subject image with the selected color effect.

Camera Settings

When you change a setting, your change is retained until you change that setting or reset all your camera settings.

Memory

1. In camera mode, press **Options**, then highlight ( ) and select **Memory**. The following storage options appear in the display:
   - **Phone Memory** — Stores pictures in phone memory.
   - **Card Memory** — Stores pictures on an optional microSD Memory Card.
2. Select the memory location setting of your choice. You're returned to the camera viewfinder screen.

Auto Save

1. In camera mode, press **Options**, then highlight ( ) and select **Auto Save**. The following options appear in the display:
   - **Off**
   - **On**
2. Select the automatic save setting of your choice. You're returned to the camera viewfinder screen.

Icon Display

View Mode lets you quickly add or remove elements of the Camera viewfinder screen.

1. In camera mode, press **Options**, then highlight ( ) and select **Icon Display**. The following options appear in the display:
   - **Display All** — All Camera display icons appear in the Camera viewfinder screen.
   - **Guideline** — Removes the Camera display icons (if displayed) and displays a crosshatch pattern in the Camera viewfinder screen. Camera display icons appear when you press **Options**.
   - **No Icons** — Removes the Camera display icons (if displayed) from the Camera viewfinder screen. Camera display icons appear when you press **Options**.

Shutter Sound

Choose from four different sounds whenever you take a picture. Aside from being a cool sound effect, Shutter Sounds act as an audible reminder that your camera has taken a picture.

1. In camera mode, press **Options**, then highlight ( ) and select **Shutter Sound**. The following shutter sounds appear in the display:
   - **Off**
   - **Shutter 1**
   - **Shutter 2**
   - **Shutter 3**
2. Select the shutter sound setting of your choice. You're returned to the camera viewfinder screen.

Reset Settings

This option lets you reset the Camera's settings to their factory default values.

▶ In camera mode, press **Options**, then highlight ( ) and select **Reset Settings**. You are prompted to confirm the reset.
   - To reset the Camera settings, select **Yes**.
   - To keep the current Camera settings, select **No**.

Camera Adjustments

Zoom

Zoom lets you temporarily enlarge the pictures you take. Increasing the Zoom (2 – 8) enlarges your pictures (1 is normal).

Note: Zoom is not available to the Camera if the Size Camera option is set to **1600x1200**.

1. In Camera mode, press the Navigation key Up and Down to adjust the Zoom. The Zoom adjustment appears in the display.

2. To zoom in, press the Navigation key Up. To zoom out, press the Navigation key Down. (The screen image lightens or darkens to show the affects of your changes).
3. The next time you press the Camera key ( ), the Camera takes the picture, using to your selected Zoom setting.

Brightness

Brightness lets you temporarily lighten the pictures you take. Increasing the Brightness (-4 – +4) lightens your pictures (0 is normal).

1. In camera mode, press the Navigation key Left or Right. The Brightness adjustment appears in the display.
2. To brighten your next picture(s), press the Navigation key Right. To darken your next picture(s), press the Navigation key Left. (The screen image lightens or darkens to show the affects of your changes).

   The next time you press the Camera key ( ), the camera takes the picture using your selected Brightness setting.

The Photo Gallery

Saved pictures are stored in the My Images folder. You can browse the pictures one at a time (expanded mode), or view several pictures at once in thumbnail format.

1. In the Camera viewfinder screen, press **My Images**. Any pictures that you've saved are listed with their thumbnail images in the display.
2. To launch the Camera and take new pictures, press **Camera**.
3. To view a picture, press **VIEW**.
4. For more options, press **Options**. The following additional options pop-up:
   - **Send** — Send the currently highlighted or displayed image as part of a Picture message.
   - **Set As** — Assign the currently highlighted or displayed image as the Main Wallpaper or as the Picture ID for a Contact.
   - **Erase Images** — Delete one or more marked images from the My Images folder.
   - **Move** — Relocate the currently highlighted or displayed image from phone memory to a Memory Card or from a Memory Card to phone memory.
   - **Copy** — Copy the currently highlighted or displayed image from phone memory to a Memory Card or from a Memory Card to phone memory.

- **View by Location** — Lets you elect to view All pictures or only those pictures stored in Phone Memory or Card Memory.
- **Rename** — Change the name of the picture file.
- **Lock** / **Unlock** — Prevent/allow erasure of the currently highlighted or displayed image.
- **Slide Show** — View all pictures in automatic sequence.
- **Image Info** — View the Name, Date and Time created, Resolution, and Size of the currently highlighted or displayed image.

5. Select the desired option to perform its function or to enter its sub-menu.

Use your Samsung SCH-r350 phone to take full color digital pictures, display them on your phone's vivid color display, and instantly share them with family and friends.

With @metro, you can download personalized ringtones, pictures, and more. (For more information, contact your Wireless Provider.)

Note: Although the procedures in this section are written for the phone keypad, you can also perform these procedures using the QWERTY keypad.

Accessing Multimedia

1. In Standby mode, select **Menu** ( ) ➔ **Multimedia**. The following Multimedia sub-menus appear in the display:
   - **Camera** — Lets you launch and set up your phone's camera. (For more information, refer to *"Camera"* on page 62.)
   - **My Images** — Lets you choose the multi-media or pictures that appear in your phone's display.
   - **Music Player** — Lets you launch and set up your phone's music player and manage music files stored on an optional microSD memory card. (For more information, refer to *"Using Your Music Player"* on page 73.)
   - **My Ringtones** — Lets you assign melody tones for calls, alarms, and other alerts.
2. Select a sub-menu to launch it. The following sections describe the above listed sub-menus in greater detail.

Using My Images Gallery

My Images lets you manage your photos and pictures you download, and lets you choose the pictures that appear in your phone's display while in Standby mode (wallpaper), and as image IDs for your contacts.

1. At the **Multimedia** menu, select **My Images**. A multiple-page matrix of thumbnail views of saved photos and images appears in the display.

Tip: You can also access the My Images gallery:

- From the **Picture** field in the **Create Pic Msg** screen by pressing **Picture**. (For more information, refer to *"Send Picture Messages in Standby mode"* on page 45.)

- From the Camera viewfinder screen by pressing **My Images**. (For more information, refer to *"Saving Pictures"* on page 65.)

- From the Edit Contact screen by pressing **Set**. (For more information, refer to *"Editing a Contacts Entry"* on page 32.)

2. Highlight an image or photo. You have the following options:
   - To take new photos, press **Camera**.

- To expand the highlighted image to fill the screen, press **VIEW**.
- For more options, press **Options**. The following options appear in the display:
  - **Send** — Send image as part of a Picture message. (See *"Send Picture Messages in Standby mode"* on page 45 for more information.)
  - **Set As** — Assign the currently highlighted or displayed image as the Main Wallpaper or as the Picture ID for a Contact.
  - **Erase** — Delete one or more marked images from the My Images folder.
  - **Move** — Relocate the currently highlighted or displayed image from phone memory to a Memory Card or from a Memory Card to phone memory.
  - **Copy** — Copy the currently highlighted or displayed image from phone memory to a Memory Card or from a Memory Card to phone memory.
  - **View by Location** — Lets you view All images or only those images stored in Phone Memory or Card Memory.
  - **Rename** — Change the name of the picture file.
  - **Lock** / **Unlock** — Prevent/allow erasure of the currently highlighted or displayed image.
  - **Slide Show** — View all of your images in sequence as a slide show.
  - **Image Info** — View the Name, Date and Time created, Resolution, and Size of the currently highlighted or displayed image.
- Select the desired option and a desired value.

Using Your Music Player

Music Player lets you play MP3 and unprotected AAC, AAC+, WMA music files, loaded onto an optional microSD™ Memory Card using a personal computer. (For information on loading music files on a Memory Card, see *"Loading Music Files"* on page 75.)

Launching the Music Library Menu

1. From the **Multimedia** menu, select **Music Player**, then press **Library**. The **Library** menu appears in the display showing the following options:
   - **Now Playing** — Music Player mode only — Indicates number of music files currently playing. Select this option (or press **Back**) to return to the Music Player screen.
   - **All** — Lists all music files on the Memory Card and lets you play individual music files or play multiple music files by creating a temporary music playlist.
   - **Artists** — Lists artist names for music files on the Memory Card and lets you play one or more music files by a selected artist.
   - **Albums** — Lists album titles for music files on the Memory Card and lets you play one or more music files from a selected album.
   - **Playlists** — Lists any playlists you have saved and lets you create, save, and manage playlists.
2. Select the desired option (and artist/album/playlist). A list of music files appears in the display.

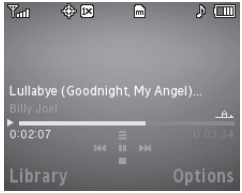
3. Highlight a music file, then:
   - To play the file, press **Play**.
   - To select the file for playing or other options, press **MARK**.
   - For more options, press **Options**:
     - **Mark All** — Marks all listed music files for playing, removal, or assignment of player settings.
     - **Erase** — Deletes highlighted or marked music file(s) from the Memory Card.
     - **Add to Playlist** — Lets you add a marked music file to an existing playlist.
     - **Song Info** — Lists the Title, Artist, Album, Genre, File Name, Encoding Format, Bitrate, Duration, File Size, and Date of the highlighted music file.

   Select the desired option.

Playing Music

To play a music file:

1. From the **Multimedia** menu, select **Music Player**.
2. Press **Library**. The **Library** menu appears in the display, showing the following options:
   - **All**
   - **Artists**
   - **Albums**
   - **Playlists**
3. Select the desired option, then do one of the following:
   - **All option** — Highlight a music file, then press **Play**.



Tip: To play additional files, highlight and MARK additional files for playback. (For more information, see *"Launching the Music Library Menu"* on page 73.)

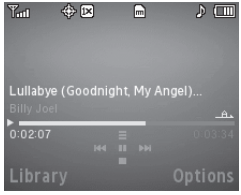
   - **Other options** — Select an Artist, Album, or Playlist, then highlight a music file and press **Play**.

   The Music Player screen appears in the display and the selected music file(s)/playlist begins playing.

Music Player Controls

- **Volume key**:
  - To play a music file louder, press the Volume key Up.
  - To play a music file softer, press the Volume key Down.

- **Navigation key**:
  - To pause/resume playing a music file, press .
  - To stop playing a music file, press the Navigation key Down.
  - To skip play to an earlier music file in the selected list, press the Navigation key Left.



  - To skip play to a later music file in the selected list, press the Navigation key Right.
  - To return to the selected list and choose another music file to play, press the Navigation key Up.
- **Library** soft key — Returns you to the **Library** screen.
- **Options** soft key — Shows the following sub-menus and options:
  - **Play Mode** — Lets you change the play mode from Normal, Shuffle, Repeat One, or Repeat All.
  - **Add to Playlist** — Moves you to the **Playlists** menu to let you add the selected music file to a playlist.
  - **Remove From List** — Deletes the selected music file from the Memory Card
  - **Visual Supplements** — Lets you change the Music Player visualization to Simple View, Equalizer, Album Art, or Lyrics.
  - **Memory Info** — Displays the **Memory Usage** screen which lists Memory Card usage and availability amounts.
  - **Song Info** — Lists the Title, Artist, Album, Genre, File Name, Encoding Format, Bitrate, Duration, File Size, and Date of the highlighted music file.

Select the desired option.

Loading Music Files

In addition to downloading music to your phone using @metro, you can also transfer ("sideload") music from a personal computer to the Memory Card in your phone.

1. Install a microSD™ or microSDHC™ Memory Card into your phone. (For more information, see *"Install a Memory Card"* on page 8.)
2. Power your phone on.
3. Connect the microUSB end of the USB Data Cable to the power-accessory connector on your phone.

4. Check that the **PC Connection** setting is set to **USB Mass Storage**. (For more information, refer to *"PC Connection"* on page 102.)
5. Connect the USB end of the USB Data Cable to a matching connector on your personal computer. A new "Removable Disk" window should open on your computer screen.
6. Select the **Open folder to view files** option. A new Windows® Explorer window should open on your computer screen.
7. Drag or download music (MP3) files into the "My_Music" folder.

Note: You can also insert the Memory Card into a compatible card reader. Card readers vary, so follow the installation instructions included with your card reader and personal computer.

Using My Ringtones Gallery

My Ringtones lets you record voice memos and assign them or ringtones, melodies, or music files as ringtones for calls, alarms, and other alerts.

Recording Voice Memos

1. From the **Multimedia** menu, select **My Ringtones**.

   The following options appear in the display:

   - **Record New** — Lets you record voice memos.
   - A list of recorded voice memos, ringtones, melodies, and music files.
2. When you select **Record New**, the **Record New** screen appears in the display.

   - To start recording a voice memo, press **REC**.
   - To pause/resume recording, press **Pause**.
   - To stop recording and save the voice memo, press **SAVE**.

Assigning Ringtones

1. From the **Multimedia** menu, select **My Ringtones**.

   The following options appear in the display:

   - **Record New** — Lets you record voice memos.
   - A list of recorded voice memos, ringtones, melodies, and music files.
2. Highlight a file. You have the following options:

   - To assign the highlighted file to be used as a **Ringtone**, a **Contact ID**, or an **Alert Tone**, press **Set As**.
   - To hear the file, press **PLAY**.
   - For more options, press **Options**:
     - **Lock** / **Unlock** — Prevent/allow erasure of the selected voice memo file.

- **Erase** — To erase the selected voice memo file.
- **Rename** — Change the name of the voice memo file.
- **Ringtone Info** — Shows the title, size, type, and date for the file.
- **Send via Bluetooth** — Sends a copy of this file to another device over a Bluetooth connection. (For more information, refer to *"Bluetooth"* on page 78.)
- **Send Pic Msg** — Send to someone as part of a Picture message. (See *"Send Picture Messages in Standby mode"* on page 45 for more information.)
- **Move to memory card / phone** — Transfer this file between phone memory and card memory.

Section 13: Tools

This section explains how you can use your phone's Personal Information Manager (PIM) functions to view today's calendar, schedule appointments, set an alarm, perform simple math calculations, and more.

Accessing Your Phone's Tools

To launch the **Tools** menu:

- In Standby mode, select **Menu** ( ) ➔ **Tools**. The **Tools** menu appears in the display.

Bluetooth

Bluetooth is a short-range wireless communications technology capable of exchanging information over a distance of about 30 feet without requiring a physical connection.

Unlike infrared, you don't need to line up the devices to beam information with Bluetooth. If the devices are within a range of one another, you can exchange information between them, even if they are located in different rooms.

The Bluetooth wireless technology settings menu provides the ability to view and change the device name, show the visibility, and set the security for the device.

Turn Bluetooth On/Off

When the Bluetooth is turned on, you can use the Bluetooth features available. When the Bluetooth is turned off, you cannot send or receive information via Bluetooth. To save battery life or in situations where Bluetooth use is prohibited, such as airline traveling, you can turn off the Bluetooth wireless technology headset.

To turn Bluetooth support on:

- From the **Tools** menu, select **Bluetooth ➔ Bluetooth Settings ➔ Enable**.

  "**Bluetooth set to on**" and the red Bluetooth On icon ( ) appear in the display.

To turn Bluetooth support off:

- From the **Tools** menu, select **Bluetooth ➔ Bluetooth Settings ➔ Disable**.

  "**Bluetooth set to off**" appears in the display and the and the Bluetooth On icon ( ) disappears.

Add New Device

To search for available Bluetooth devices:

1. From the **Tools** menu, select **Bluetooth**. The following options appear in the display:
   - **Registered List**
   - **Bluetooth Settings**
2. Select **Registered List**.

   If there are no Bluetooth devices registered, the **Add New Device** screen appears in the display. (See Step 3.)

   If Bluetooth is off, you are prompted to "**Turn bluetooth on?**". Press **Yes** to turn Bluetooth on.

Note: To leave Bluetooth off and return to the **Bluetooth** sub menu, press **No**.

3. Select **Add New Device**.

   "**Place device you are connecting to in discoverable mode**" appears in the display.
4. Place the Bluetooth device in discoverable mode. (See the device user manual for more information.)
5. Press **OK** ( ). Available devices appear in the display.
6. Use the navigation keys to highlight the device you want to pair with your phone.
7. Press **PAIR** ( ) to pair the selected device with the phone. You are prompted to enter the passkey or PIN for the selected device.
8. Enter the device passkey or PIN and press . Pop-up messages appear to inform you that pairing with the device is complete and prompting you to connect with the device.
9. To connect with the device, press **Yes**. To return to the **Bluetooth** menu without connecting to the device, press **No**.

Registered List

This menu provides a list of Bluetooth wireless technology devices discovered by your handset.

▶ From the **Tools** menu, select **Bluetooth** → **Registered List**. A list of registered Bluetooth devices appears in the display.

Connecting to a Bluetooth Device

1. From the Registered List, select the device.
2. If you are unable to connect with the device a pop-up appears in the display. Press **Yes** to retry.

Disconnecting from a Bluetooth Device

▶ From the Registered List, highlight the device and press **Off**.

Managing Your Registered List

1. From the Registered List, highlight a device and press **Options**. The following options appear in the display:
   - **Remove Device** — Deletes the device from the Registered List.
   - **Rename Device** — Lets you change or replace the device name, as needed.
   - **Device Info** — Shows the type of device, status, address, the date when it was paired with your phone, and the date the device was last connected with your phone.
   - **Service Discovery** — Lists the Bluetooth profiles that apply to this device.
   - **Send Name Card** — Lets you send selected Contact(s) information to another Bluetooth device.
2. Select the desired option to access it.

Bluetooth Settings

To access Bluetooth settings:

▶ From the **Tools** menu, select **Bluetooth → Bluetooth Settings**.

The following options appear in the display:

Enable/Disable

Selecting this option turns Bluetooth on or off. (For more information, see *"Turn Bluetooth On/Off"* on page 78)

Discovery Mode

Allows other users to see your accessibility. Select **On** for other devices to see your device, or **Off** for no visibility.

Device Name

Shows the handset name. You may change this name. Enter the text and press .

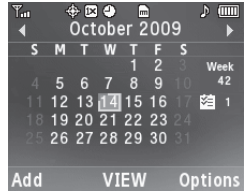
Supported Profiles

Lists and describes the Bluetooth profiles your phone supports.

Device Info

Shows the Bluetooth Type, Status, and Address of your phone.

Calendar

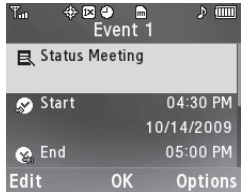


Calendar allows you to view the current, past, or future month in calendar format. While viewing the calendar, the current date is highlighted, and days with scheduled events are surrounded by a box.

View an Event

1. From the **Calendar** menu, select **Calendar**. A calendar appears in the display with the current date highlighted. The month and year appear at the top of the display.
2. Use the following options and navigation keys to move around within the calendar:
   - To move to an individual day, one day or one week at a time, press the Navigation keys or Arrow keys.
   - To view previous months, press the Up volume key.
   - To view future months, press the Down volume key.
   - To add an event to the highlighted date, press **Add**.
   - To call up a list of events on the highlighted date, press **VIEW** (—).
   - To access other options while viewing the calendar, press **Options**. The following options pop-up in the display:
     - **Go to Date** — Lets you jump to any date you specify.
     - **Go to Today** — Lets you return to today from any other date.
     - **Monthly** — Returns you to the Monthly calendar display.
     - **Weekly** — Lets you change from a Monthly calendar to a Weekly one.
     - **Erase Old** — Lets you erase past events.
     - **Erase all** — Lets you erase all events.

     Select the desired option and perform the related process.
3. Press **VIEW** (—) to display the specifics of the highlighted event. The following options are available:



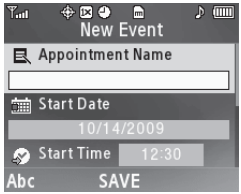
   - To change the event details, press **Edit**. (See *"Add a New Event"* on page 81 for more information.)
   - To return to the Events list, press **OK** (—).
   - For more options, press **Options**. The following options appear in the display:
     - **Monthly** — Returns you to the Monthly calendar display.
     - **Erase** — Remove this event from the Calendar.

     Select the desired option.

Add a New Event

1. From the **Calendar** menu, select **Calendar**. A calendar appears in the display with the current date highlighted. The month and year appear at the top of the display.

2. Press **Add**. The **New Event** screen appears in the display.



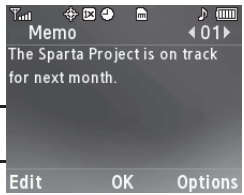
   - Use the Up and Down navigation keys to highlight New Event options.
   - Use the Left and Right navigation keys to select option values.
   - Use the keypad to enter option values.
3. Enter the Name of the new event using the keypad. (For more information, refer to *"Entering Text"* on page 14.)

Note: The current mode of text entry is indicated in the lower left corner of the display.

4. To set the **Start Date**, use the keypad to enter the start date for the event.
5. To set the **Start Time**:
   - Use the keypad to enter the time for the event.
   - Use the Left and Right navigation keys to select **AM** or **PM**.
6. Repeat Steps 4 and 5 for the **End Date** and **End Time**.
7. Use the Left and Right navigation keys or arrow keys to select:
   - **Recurrence** frequency (**Once**, **Daily**, **Weekly**, **Monthly**, **Yearly**)
   - **Alert** type (**Tone**, **Vibrate**, **Light Only**)
   - **Alert** tone (the **Alert Tone** screen appears in the display. See *"Using My Ringtones Gallery"* on page 76 for more information.)
   - **Reminder** (**Off**, **Once**, **Every 2 Minutes**, **Every 15 Minutes**)
   - **Alert time** (**15 Min. Before**, **30 Min. Before**, **1 Hour Before**, **3 Hours Before**, **5 Hours Before**, **1 Day Before**, **On Time**, **5 Min. Before**, **10 Min. Before**)
8. Press **SAVE** ( ) to store the event in your calendar. An alarm will notify you prior to the event, provided you set **Reminder** to a value other than **Off**.

Memo Pad

Create notes and store them in Memo Pad. Return to Memo Pad anytime to review and edit your notes.



Note: Memo Pad can't be prioritized or assigned an alert.

Create a Memo

1. From the **Tools** menu, select **Memo Pad**.

If you have any stored memos, they appear as a list in the display.

2. If you don't have any stored memos, press **Add** to add a memo.
3. Enter memo text using the keypad. (For more information, refer to *"Entering Text"* on page 14.)

Tip: The current mode of text entry is indicated in the lower right corner of the display.

4. When you're finished entering details for the memo, press **OK** ( ). The memo is stored.

Review, Edit, and Erase Memos

1. From the **Tools** menu, select **Memo Pad**. Your list of stored memos appears in the display.
2. Highlight the desired memo. You have the following options:
   - To add a new memo, press **Add**. (For more information, refer to *"Create a Memo"* on page 82.)
   - To review the highlighted memo, press **VIEW** ( ).

     While viewing a memo, you can do any of the following:
     - Change the text of the memo by pressing **Edit** and using the keypad keys. (For more information, refer to *"Entering Text"* on page 14.)
     - Return to the Memo Pad screen by pressing **OK** ( ).
     - Press **Options** to Erase the memo you are viewing, Add a New Memo, or Lock/Unlock the memo you are viewing.
   - For more options, press **Options** and the following options appear in the display:
     - **Edit**— Change the text of the highlighted memo by using the keypad. (For more information, refer to *"Entering Text"* on page 14.)
     - **Erase** — Erase the highlighted memo.
     - **Erase all** — Erase all of the unlocked memos.
     - **Lock** / **Unlock** — Prevents/allows erasure of the highlighted memo.
3. Select the desired option.

Alarm Clock

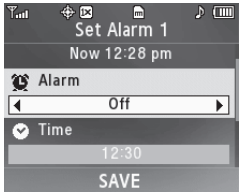
Your phone supports multiple alarm clocks that can be set to go off once, or to recur daily at a specific time. Once set, an alarm clock is easy to change or turn off completely.

Note: The alarm doesn't function when the phone is turned off. If the time for an alarm that was set for Once has elapsed while the phone is off, the alarm occurs at the specified time on the next day.

1. From the **Tools** menu, select **Alarm Clock**, then do one of the following:
   - Press **Add**.
   - Press **Options** and select **Add new alarm**.

- Select the alarm clock you wish to set, then press **EDIT**.

The selected **Set Alarm** screen appears in the display.



2. Press the Navigation key Up/Down to highlight Set Alarm options.
3. Press the Navigation key Left/Right to set the alarm **On**.
4. To set the **Time**:
   - Enter the time for the alarm using the keypad.
   - Press the Navigation key Left/Right to select **AM** or **PM**.
5. Press the Navigation key Left/Right to select the **Frequency** at which you wish the alarm to occur (**Daily**, **Mon.-Fri.**, **Weekends**, or **Once**).
6. Use the Navigation key to select the **Ringer** type (**Tone**, **Vibrate**, **Light Only**) and ringtone (from **My Ringtones**).
7. When you're finished entering the time and frequency for the alarm, press **SAVE**. If the alarm is set to **On**, the alarm icon ( ) appears in the top of the display.

When an Alarm Sounds

An animated alarm clock appears in the display along with **Snooze** and **Dismiss** options and an alert sounds when the specified time for the alarm arrives.

- To silence the alarm, use the Navigation key to highlight **Snooze** or **Dismiss** and press .
- If the alarm was set as a Daily alarm, the alarm icon remains in the top of the display.
- If the alarm was set as a Once only alarm, the alarm icon disappears from the top of the display.

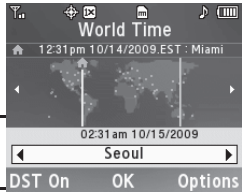
Turn On/Off, Add, or Erase an Alarm

1. From the **Tools** menu, select **Alarm Clock**.
2. Highlight the desired alarm (if any), then press **Options**.

   The following options appear in the display:
   - **On** / **Off** — Enables/disables the highlighted alarm without changing the settings.
   - **Add new alarm** — Lets you add an alarm.
   - **Erase this alarm** — Deletes the highlighted alarm.
   - **Erase all** — Deletes all alarms.
3. Select the desired option.

World Time

World Time lets you view the time of day or night in any of the 24 different time zones around the world.



Note: To use World Time, you need to subscribe to your Wireless Provider's digital service.

▶ From the **Tools** menu, select **World Time**. A world map appears in the display, showing the time and date in a home zone and one other city or time zone.

Selecting/Displaying Time Zones

World Time lets you view the time and date in up to two locations or time zones.

To change a displayed time zone or location, or to view the time and date in a particular time zone or location, do the following:

1. In the World Time screen, highlight the location you wish to change.
   - Press the **Navigation** key **Left** and **Right** to scroll through time zones.
   - Press **Options** and select **Go to City** for a list of city names in alphabetical order. .

Abu Dhabi	Hawaii	Nairobi
Adelaide	Helsinki	New Delhi
Alaska	Hong Kong	Newfoundland
Alma-ata	Honolulu	New York
Athens	Istanbul	Okhotsk
Auckland	Jakarta	Paris
Bangkok	Jidda	Phoenix
Beijing	Kabul	Rome
Berlin	Kathmandu	Samoa
Brasilia	La Paz	San Francisco
Buenos Aires	Lisbon	Seoul
Cape Verde	London	Sydney
Caracas	Los Angeles	Tashkent
Chicago	Miami	Tehran
Colombo	Mid Atlantic	Tokyo
Dallas	Midway	Wellington
Denver	Moscow	
Guam	Mumbai	

2. You have the following options:
   - To enable Daylight Saving Time for the US time zones, press **DST On**.
   - To set the displayed time zone as the default time zone for the second World Time clock, press **OK**.
   - To set the displayed time zone as the default time zone for your phone, press **Options**, then select **Set as home zone**.
   - To return to the **Tools** menu without changing the default time zone, press BACK.

Calculator

You can perform calculations, including addition, subtraction, multiplication and division using your phone.

Note: You must use the phone keypad to use the Calculator.

1. From the **Tools** menu, select **Calculator**. The Calculator appears in the display.
2. Enter the first number in your calculation. (Numbers can be up to 15 digits long, with up to 5 digits after a decimal point.)
   - To enter a decimal point, press 2.

   - To change the sign for a number to a negative, press 0.
   - To add parentheses [**( )**] to your calculation or to enter a **Power** exponent (**^**), such as, 3^2, which is the equivalent of 3^2, press **Operator**.
   - To clear current entries, press **Clear**.
3. Use the Navigation key (as shown in the **Calculator** screen) to set the type of calculation that you wish to perform. Your choices are as follows.
   - [**+**] Addition
   - [**x**] Multiplication
   - [**-**] Subtraction
   - [**÷**] Division
4. Enter the second number into your equation.
5. Press OK to perform the calculation and view the result.

Stop Watch

You can use this function to time events.

1. From the **Tools** menu, select **Stop Watch**. The **Stop Watch** screen appears in the display.

2. To start, stop, and resume the Stop Watch count, press .
3. At the start of each succeeding event/lap, press **Record** to record the completion time for the previous event/lap. You can record up to eight event/lap times.
4. To reset the Stop Watch and to erase all stop watch (lap) times recorded, press **Reset**.

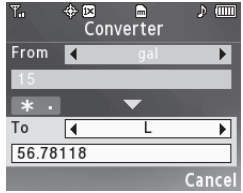
Converter

The conversion menu provides the following conversion categories:

- Currency
- Length
- Weight
- Volume
- Area
- Temperature

To convert a currency, length, weight, volume, area, or temperature, do the following:

1. From the **Tools** menu, select **Converter**. The following list of converters appears in the display:
   - **Currency**
   - **Length**
   - **Weight**
   - **Volume**
   - **Area**
   - **Temperature**
2. Select the conversion feature you wish to use.
3. Use the Navigation key to select the units to be converted **From** and **To**.
4. Enter the quantity you want converted in the **From** field. The converted quantity appears in the **To** field.



Note: To include a decimal point, press .

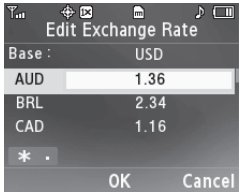
Currency — Reviewing/Editing Exchange Rates

The Currency Converter includes long-term average exchange rates as default values. To review and/or change a default exchange rate to the current exchange rate, do the following:

1. From the **Tools** menu, select **Converter** → **Currency**.
2. Press **Rate**. The **Exchange Rate** list appears in the display.
3. Press **EDIT** ( ). The **Edit Exchange Rate** list appears in the display.

4. Highlight a currency whose exchange rate you wish to change.
5. Use the keypad keys to change the selected exchange rate value.
6. To save the changed exchange rate, press **OK** (). The **Exchange Rate** list appears in the display.

   To discard the change, press **Cancel**.
7. To change any other exchange rates, repeat Steps 3 – 6.
8. To return to the **Converter** screen, press .



Currency — Adding Exchange Rates

You can use the Currency Converter to convert from and to obscure currencies by adding exchange rates for these currencies. To add a currency and its exchange rate to the Currency Converter, do the following:

1. From the **Tools** menu, select **Converter → Currency**.
2. Press **Rate**. The **Exchange Rate** list for the **From** currency appears in the display.
3. Press **Add**. The **Add Exchange Rate** screen appears in the display with the **Base** field highlighted.
4. To select the **Base** currency to be converted from, press the Navigation key Left/Right.
5. Highlight the **Currency** field, and enter an identifier of up to 5 characters for the new currency. (For more information, refer to *"Entering Text"* on page 14.)
6. Highlight the **Exchange Rate** field, and enter a decimal exchange rate for the new currency.

Note: Press the key to enter the decimal point.

The **Exchange Rate** field only accepts up to five digits after the decimal point.

7. Press **SAVE** () to save the new exchange rate.

Currency — Erasing Exchange Rates

You cannot erase the preloaded currencies from the Exchange Rate list. You can erase a currency that you have added to the list by doing the following:

1. From the **Tools** menu, select **Converter → Currency**.
2. Press **Rate**. The **Exchange Rate** list for the **From** currency appears in the display.
3. To highlight the user-added currency exchange rate to be erased, press the Navigation key Up/Down.
4. Press **Erase**. You are prompted to confirm the erasure.

Note: The **Erase** soft key is undefined for preloaded Exchange Rates. This prevents you from erasing them.

5. To erase the selected exchange rate, press **Yes**. To keep selected exchange rate, press **No**.

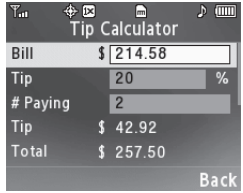
Tip Calculator

Tip Calculator automatically calculates the following amounts:

- Gratuity (tip)
- Individual payment (for groups)

Calculations are based on the total amount of the check, a selected gratuity percentage, and the number of people paying.

1. From the **Tools** menu, select **Tip Calculator**. The **Tip Calculator** screen appears in screen, with the **Bill** field highlighted.



2. Use the keypad to enter the total amount of the bill.
3. If needed, highlight the **Tip** field, and enter a tip percentage.
4. If needed, scroll down to highlight the **# Paying** field, and enter the number of persons paying.

5. The amount of the Tip, the final Total, and the amount for each person appear in the lower half of the screen.

Section 14: Changing Your Settings

This section explains how to configure your phone's language, network preferences, security options, and other settings.

Accessing Your Phone's Settings

▶ In Standby mode, select **Menu** ( ) ➔ **Settings**.

The **Settings** menu appears in the display.

Location Setting

You can set your phone to pass Global Positioning System (GPS) data to identify your location to the network continually or only when you make an emergency (911) call.

Note: Check with your Wireless Provider to determine if/when/where location-based services are available.

1. From the **Settings** menu, select **Location**. The following Location options appear in the display:
   - **Location On** — Your location data is continually sent wherever the feature is available.
   - **911 Only** — Your location data is sent only when you dial 911.
2. Select the desired setting. The **Settings** menu appears in your display.

Display Settings

Display settings let you change your phone's menu appearance, display brightness and contrast, and display content to better meet your needs.

▶ From the **Settings** menu, select **Display Settings**. The following menus appear in the display:

Wallpaper

Wallpaper lets you choose images that appear in the background on your phone's Main display while in Standby mode.

1. From the **Display Settings** menu, select **Wallpaper**. The following options appear:
   - **My Images** — Lets you select an image that you've downloaded or a picture you've taken with the camera.
   - **Preset Images** — Lets you select an image that came preloaded with your phone.
2. Select the image type you wish to use. A list of images appears in the display.
3. Select the image you wish to use.

Info Panel

Lets you display or hide a pop-up panel that shows the Day, Date, Time, and the numbers of Missed Calls, new Messages, and new Voicemail. These numbers also serve as shortcuts for accessing the Missed Calls log, the Messages Inbox folder, and the Voicemail folder.

1. From the **Display Settings** menu, select **Info Panel**. The following options appear:
   - **On** — The Info Panel appears in the Standby screen.
   - **Off** — The Info Panel does not appear in the Standby screen.
2. Select the desired setting.

Clock Format

Lets you choose where and in what form the time and date appear in the Standby screen.

Note: To access this setting, you must first set **Info Panel** to **Off**.

1. From the **Settings** menu, select **Display Settings → Clock Format**.

The following clock format options appear in the display:

Celestial **Digital**

2. Select the clock format that you wish to use.

Theme

Lets you select the colors used to show menus and screens in the display.

1. From the **Display Settings** menu, select **Theme**. The following options appear in the display:

Samsung **Celestial**

2. Select the desired color theme.

Dialing Font Size

Lets you select the font size used to display numbers you dial.

1. From the **Settings** menu, select **Display Settings → Dialing Font Size**. The following Size options appear in the display:
   - **Normal**
   - **Large**
2. Select the preferred Dialing Font Size.

Banner

Lets you change or replace the Banner text that appears in the display when your phone is in Standby mode. Also lets you enable/disable an ERI (Extended Roaming Indicator) banner.

1. From the **Settings** menu, select **Display Settings → Banner**. The following sub-menus appear in the display:
   - **Personal**
   - **ERI Banner**
2. Select the desired banner.
   - If you select **Personal**, the **Banner** screen appears in the display with the **Enter Text** field highlighted.
     - Enter a word or short phrase to appear in your phone's display while in standby mode (Up to 12 characters). (For more information, refer to *"Entering Text"* on page 14.)
     - Press and hold to erase an existing banner, if necessary.
     - Press to save your changes.
   - If you select **ERI Banner**, the following options appear in the display:
     - **On**
     - **Off**
   - Select the preferred ERI Banner option.

Backlight

You can set the backlight for your display or keypad to remain on for a specified period of time or remain on as long as the folder is open.

Note: Prolonged backlight use drains your battery faster.

1. From the **Display Settings** menu, select **Backlight**.

   The following sub-menus appear in the display:
   - **Main Display** — Sets the time the internal display backlight remains on after a period of inactivity. Optional settings are: **10 seconds**, **15 seconds**, **30 seconds**, **Always On**, and **Always Off**.
   - **Keypad** — Sets the amount of time the keypad backlight remains on after a period of inactivity. Optional settings are: **10 seconds**, **15 seconds**, **30 seconds**, **Always On**, and **Always Off**.
   - **Charging** — Sets the amount of time the display backlight remains on while the battery is charging. Optional settings are: **10 seconds**, **15 seconds**, **30 seconds**, **Always On**, and **Always Off**.
   - **Brightness** — Press the Navigation key Left/Right to select between any of 5 optional settings.

2. Select the desired sub-menu.
3. Use the Navigation key to change settings as desired in the selected sub-menu, and press OK to save your selection.

Shortcut Icon

Shortcut Icon lets you display or hide a list of icons that serve as shortcuts for launching applications on your Tint™.

Note: For more information, refer to *"Using Shortcut Icons"* on page 28

1. From the **Settings** menu, select **Display Settings** → **Shortcut Icon**. The following options appear in the display:
   - **Off** — Shortcut Icons list does not appear in the display.
   - **On** — Shortcut Icons list appears in the display when your phone is in standby mode.
2. Select the preferred Shortcut Icon option.

Sound Settings

Sound Settings let you customize your phone's audio properties, such as ringers, keypad tones, alerts, start up melody, and more.

▶ From the **Settings** menu, select **Sound Settings**. The following menus appear in the display:

Master Volume

You can set the master volume setting on your phone. This setting if for all sounds other than the ring tones.

1. From the **Sound Settings** menu, select **Master Volume**. Options are:
   - **Silence All**
   - **Low/Medium**
   - **High**
   - **Vibrate**
   - **Medium**
   - **Low**
   - **Medium/High**
2. Press the Navigation key Left/Right or press the Volume key Up/Down to display the setting you wish.
3. To add vibration to any setting between **Low** and **High**, press **Vib. on**.
4. When you are satisfied with the setting, press **SET**. Your phone returns to the **Sound Settings** menu.

Ringer Type

You can assign ring tones and melodies for calls, alarms, and other alerts in the **Ringer Type** sub-menu.

1. From the **Sound Settings** menu, select **Ringer Type**. The following ringer types appear in the display:
   - **Voice Calls**
   - **Messages**
     - **Text Message**

  - **Picture Message**
  - **Voicemail**
- **Roam Ringer**

2. Select a ringer type. The My Ringtones screen appears in the display listing ringtone, melody, and recorded sound files.
3. Select the desired ringtone, melody, or sound file.

Tip: To play each tone, melody, or sound file as you scroll through the list, press **Play**.

Alerts

You can set your phone to sound an alert whenever you enter or leave your service area, connect or disconnect a call, and other options.

1. From the **Sound Settings** menu, select **Alerts**. The following alerts appear in the display:
   - **Minute Beep** — Sound an alert ten seconds before each elapsed minute of a call.
   - **Roaming** — Sound an alert when you leave your home service area while on a call.
   - **Call Connect** — Sound an alert when you connect/disconnect a call.
   - **Power On/Off** — Play power on and power off melodies.
2. Select the desired alert. The following options appear in the display:
   - **On**
   - **Off**
3. Select active (**On**) or inactive (**Off**) for the selected alert.

Key Tone

Lets you adjust the volume level and duration of the tones that the keypad generates when you press the keys.

1. From the **Sound Settings** menu, select **Key Tone**. The following options appear in the display:
   - **Tone Level** — Select the desired Keypad volume level (**Off**, **Low**, **Low/Medium**, **Medium**, **Medium/High**, or **High**).
   - **Tone Length** — Select the desired DTMF Tones length as **Short** or **Long**.
2. Select the desired option and setting.

Call Settings

The Call Settings sub-menu lets you set call options such as Auto Retry, Data rates for data calls, and more.

▶ From the **Settings** menu, select **Call Settings**. The following menus appear in the display:

Call Answer

You can select a specific answer mode when you receive an incoming call. Your phone can be preset to answer when you do any of the following:

1. From the **Call Settings** menu, select **Call Answer**. The following call answer options appear in the display:
   - **Any Key** — Pressing any key except , , or answers a call.
   - **Send Key** — Only pressing answers a call.
2. Select the desired option.

Call Alert

Call Alert lets you select what sounds your phone plays to notify you of incoming calls.

1. From the **Call Settings** menu, select **Call Alert**. The following call alert options appear in the display:
   - **Ring Only** — Either the Voice Calls ringer or a Contact's individual Ringtone plays.
   - **Caller ID + Ring** — Either the Voice Calls ringer or a Contact's individual Ringtone plays while a voice reads "**Call from**" followed by the Caller ID or Contact's name.
   - **Name Repeat** — A voice repeatedly reads "**Call from**" followed by the Caller ID or Contact's name.
2. Select the desired option.

Auto Answer

Auto Answer enables your phone to automatically answer calls after a period of time that you specify.

1. From the **Call Settings** menu, select **Auto Answer**. The following options appear in the display:
   - **Off**
   - **After 1 Second**
   - **After 3 Seconds**
   - **After 5 Seconds**
2. Select the desired setting.

Auto Retry

Auto Retry automatically re-dials a number if there is no answer or the dialed party is busy. Depending upon your location, the number of times your phone redials a number may vary.

1. From the **Call Settings** menu, select **Auto Retry**. The following options appear in the display:
   - **Off**
   - **Every 10 Seconds**
   - **Every 30 Seconds**
   - **Every 60 Seconds**
2. Select the desired setting.

TTY Mode

Your phone is fully Teletypewriter (TTY)/ Telecommunication Device for the Deaf (TDD) compatible. You connect TTY/TDD equipment to the headset connector on the top of your phone.

Note: TTY Mode must be enabled (**TTY Full** selected) before you can use your phone with TTY/TDD equipment.

1. From the **Call Settings** menu, select **TTY Mode**. A message pops-up warning of possible headset and non-TTY accessory performance impairment when in TTY mode and prompting you to confirm that you want to enable/ disable TTY Mode.
   - To confirm you want to view/change the TTY Mode setting, press **Yes**.
   - To keep the current TTY Mode setting, press **No**.
2. The following options appear in the display:
   - **TTY Full** — Enables TTY mode while letting you hear and speak with the other party.
   - **TTY + Talk** — Enables TTY mode while letting you speak with the other party.
   - **TTY + Hear** — Enables TTY mode while letting you hear the other party.
   - **TTY Off** — Disables TTY mode.

Note: The **TTY Mode** option has no effect on the phone's earpiece, microphone, or speaker. When you select **TTY Full**, all currently enabled sound functions remain enabled.

3. Select the desired setting. If you select a setting other that **TTY Off**, you're returned to the previous menu and the TTY icon ( ) appears in the top of the display.

Voice Privacy

Voice Privacy lets you choose what level of voice security (Standard or Enhanced) your phone will use.

Tip: You can change your Voice Privacy setting during a call by using the **In-Use Menu** options. (See *"In-Call Options Menu"* on page 24 for more information.)

1. From the **Call Settings** menu, select **Voice Privacy**. The following options appear in the display:
   - **Standard**
   - **Enhanced**
2. Select the desired setting.

Phone Settings

▶ From the **Settings** menu, select **Phone Settings**. The following menus appear in the display:

Airplane Mode

When set to **On**, Airplane Mode disables all radio functions of your phone. This prevents you from making or receiving calls, but allows you to use other features (such as the camera and the Tools) safely in sensitive environments, such as on board an aircraft.

1. From the **Phone Settings** menu, select **Airplane Mode**. The following options appear in the display:
   - **On** — Disables the radio transmitter and receiver and the Bluetooth interface in your phone.

Tip: If you need to make an emergency call with Airplane mode enabled, just dial the emergency number and press .

   - **Off** — Enables the radio transmitter and receiver in your phone.

Note: Press BACK to return to the **Phone Settings** menu.

2. Select the desired setting. You are prompted to confirm your setting change.
3. To change to the new setting, press **Yes**. You are returned to Standby mode.

   To discard the change and keep the original setting, press **No**. The **Airplane Mode** screen remains in the display.

Language

The Language option changes the language of menus, sub-menus, and other user-interface features.

1. From the **Phone Settings** menu, select **Language**.

   The following options appear in the display:
   - **English**
   - **Español**
2. Select your language preference.

Security

Use the Security sub-menu to lock your phone, set up emergency numbers, enable or disable voice privacy, set restrictions, and other security options.

1. From the **Phone Settings** menu, select **Security**. The "**Enter Code**" prompt appears in the display.
2. Enter the four-digit lock code using the keypad.

Note: The default lock code is the last four digits of your mobile phone number.

   The "**Enter Code**" prompt disappears and the **Security** menu appears in the display showing the following options:

Lock Phone

Locking the phone blocks all outgoing calls except those to 911 and to the three user-programmed emergency numbers. You can lock the phone manually, or set the phone to lock automatically when turned on. In Lock mode, you can answer calls, but you must unlock the phone to place calls (except to emergency and secret numbers).

Important!: If you change the **NAM1** setting after setting the phone to lock upon power-up and did not program a number into **NAM2**, you won't be able to access your phone. You must call the Service Center to unlock your phone.

1. From the **Security** menu, select **Lock Phone**. The following options appear in the display:
   - **Lock** — The phone locks immediately and stays locked until you enter the lock code.
   - **Unlock** — The phone remains unlocked.
   - **On Power Up** — The phone locks automatically the next time your phone is powered on and stays locked until you enter the lock code.
2. Select the Lock Phone option of your choice.

Auto Device Lock

Auto Device Lock locks the phone when the screen backlight turns off. (For more information, refer to *"Backlight"* on page 92.)

1. From the **Security** menu, select **Auto Device Lock**. The following options appear in the display:
   - **Off** — Disables Auto Device Lock.
   - **On** — Enables Auto Device Lock.
2. Select the Auto Device Lock option of your choice.

Change Lock

The default lock code is generally the last four digits of your phone number. It is advisable to change the default lock code to a secret code for security purposes.

1. From the **Security** menu, select **Change Lock**. The "**New Lock Code**" prompt appears in the display.
2. Enter the New Lock Code. You're prompted to re-enter the New Lock Code for verification.
3. Enter the new lock code again. Your changes are stored.

Note: Your phone does not allow you to view the lock code for obvious security reasons. If you change the lock code, be sure to write down or memorize the new code.

Emergency

You have the option of storing up to three emergency numbers to your phone. Each number can be up to 32 digits in length. All emergency numbers can be dialed any time, even when your phone is locked or restricted.

Note: Emergency number 911 is hard-coded into your phone. You can dial this number any time, even when the phone is locked or restricted. If you call 911 an audible tone is heard and an Emergency prompt appears in the display for the duration of the call.

Important!: Because of various transmission methods, network parameters, and user settings used to complete a call from your wireless phone, a connection cannot always be guaranteed. Therefore, emergency calling may not be available on all wireless networks at all times.

Important!: DO NOT depend on this phone as a primary method of calling 911 or for essential or emergency calls.

Remember to always turn your phone on and check for adequate signal strength before placing a call.

Note: When you dial an emergency number, you phone locks itself to the emergency location that answered the call and locks itself in 911-Only mode, blocking from dialing any number but an emergency number.

Store Emergency Numbers

1. From the **Security** menu, select **Emergency #**.
2. Select one of the three emergency numbers.
3. Enter the emergency number (up to 32 digits in length).
4. To save the number that you entered, press **OK** ( ).
5. To discard your entry and return to the previous menu, press **Cancel**.

Call Emergency Numbers in Lock Mode

1. In Standby mode, enter the emergency number using either keypad.
2. Press to place the call.

Reset Phone

Reset Phone returns all setup parameters (except for the Contacts entries) to their factory default values.

Caution!: Before selecting **Reset Phone**, contact your Wireless Provider. Invoking **Reset Phone** may erase settings made by your Wireless Provider from your phone, resulting in loss of service.

1. From the **Security** menu, select **Reset Phone**. A prompt appears in the display to restore default settings (except for Contacts).
2. To reset your phone to factory default settings, press **Yes**.

   To keep the current settings, press **No**.

Erase All Contacts

Erase All Contacts deletes all entries from the Contacts list.

1. From the **Security** menu, select **Erase All Contacts**.

   The "**Erase all contacts?**" prompt appears in the display.

2. To empty your Contacts list, press **Yes**.

   To keep the current Contacts entries, press **No**.

Restrictions

Restrictions let you restrict the use of your phone for outgoing calls/messages/data, incoming calls/messages/data, and calls/messages placed by/to your Contacts.

1. From the **Security** menu, select **Restrictions**. The following options appear in the display:
   - **Calls**
   - **SMS Messages** (Text messages)
   - **MMS Messages** (Picture messages)
   - **Data**
2. If you select **Calls** / **SMS Messages** / **MMS Messages**, the following options are available:
   - **Outgoing** — Restrict/allow all outgoing calls/messages or restrict them to only those going to your Contacts.
   - **Incoming** — Restrict/allow incoming calls/messages or restrict them to only those coming from your Contacts.
3. If you select **Data**, you can **Allow All** or **Allow None**.
4. Select the desired option and select the desired setting.

Note: The default Restrictions settings are all **Allow All**.

NAM Selection

NAM Selection allows you to set your preferred system. Contact your Wireless Provider for more information.

1. From the **Phone Settings** menu, select **NAM Selection**.

   The following NAM options appear in the display:
   - **NAM 1** — Your service contract has one phone number.
   - **NAM 2** — Your service contract has two phone numbers.
2. Select the desired setting. The phone automatically restarts.

System Select

The **System Select** feature enables you to automatically or manually select the network used when roaming outside of your home area.

1. From the **Phone Settings** menu, select **System Select**.

   The following roaming options appear in the display:
   - **MetroPCS Only** — Roaming is OFF. If your home system is not available then your call will not be connected, and the no service icon ( ) appears in the display. In some service areas, an operator may come on-line and ask you how you would prefer to pay for the call.
   - **Automatic** — Roaming is ON. It will always try your calls using the Preferred Roaming List (PRL) loaded into your phone. If a preferred service is not found, then this option will attempt to acquire any digital service.

2. Select the desired Roam setting.

   The **Phone Settings** menu appears in the display.

Set Time

Use the **Set Time** option to set the current time and date.

Note: In digital service mode, the **Set Time** feature is disabled. The network adjusts time and date automatically.

With **Airplane Mode** set to **On**, the **Set Time** feature is enabled.

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1. From the **Phone Settings** menu, select **Set Time**. The following options appear in the display:
   - **Set Time**
   - **Set Date**
2. Select **Set Time**. The **Set Time** screen appears in the display.
3. Enter the current time using your keypad:
   - The hour and minute must be entered using two digits each. You must enter the hour in 12-hour format.
   - Use the Left and Right navigation keys to select **am** or **pm**.
4. Press **OK** to save the time. The following options appear in the display:
   - **Set Time**
   - **Set Date**
5. Select **Set Date**. The **Set Date** screen appears in the display.
6. Enter the current date using your keypad:
   - The month and day must be entered using two digits each.
   - The year must be entered with all four digits.
7. Press **OK** to save the date.

Speed Dial

Speed Dial lets you enable or disable dialing Contacts by using their assigned Speed Dial numbers.

1. From the **Phone Settings** menu, select **Speed Dial**. The following options appear in the display:
   - **Off** — Disables Speed Dialing.
   - **On** — Enables Speed Dialing.
2. Select the Speed Dial option of your choice.

Shortcut Key

The Navigation keys can be customized to launch any of several applications or functions from standby mode. Use the **Shortcut Key** sub-menu to choose the application that you wish each Navigation key to launch.

Note: To access this setting, you must first set **Info Panel** to **Off**.

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1. From the **Phone Settings** menu, select **Shortcut Key**. The

following Navigation key options appear in the display:

- **Up Key**
- **Right Key**
- **Down Key**
- **Left Key**

2. Select the desired Navigation key. The following options appear in the display:

- **@metro**
- **MetroWEB**
- **Messages**
- **Inbox**
- **Contacts**
- **Recent Calls**
- **Voice Commands**
- **My Images**
- **Music Player**
- **My Ringtones**
- **Calendar**
- **Memo Pad**
- **Alarm Clock**
- **World Time**
- **Calculator**
- **Stop Watch**
- **Converter**
- **Voice Recording**
- **Tip Calculator**

3. Select the desired function.

You can now press the selected Navigation key in standby mode to launch the selected function.

Quick Search

Quick Search is an easy way to locate Contacts.

1. From the **Phone Settings** menu, select **Quick Search**.

The following options appear in the display:

- **On**
- **Off**

2. Select the desired option.

Searching for a Contact

1. In Standby mode, press the first few numeric keys that correspond to the letters of the contact's name.

For example, to search for "Sally" you would enter

S A L

2. Press the Navigation key Up. The Contacts **Find** screen appears in the display with the first matching contact name in a list highlighted.
3. Highlight the desired Contact and press to call the contact.

PC Connection

PC Connection lets you allow or block PC connections to your phone, using an optional USB Data Cable.

1. From the **Settings** menu, select **Phone Settings → PC Connection**. The following settings appear in the display:

- **USB Mass Storage** — Your phone appears as a removable disk drive to your PC, allowing you to transfer files (such as, music or text files) to and from your phone.
- **No Connection** — Blocks connection and file transfers with a PC.

2. Select the desired setting.

Auto Key Lock

With Auto Key Lock set to On, your phone automatically disables its keys when the screen backlight goes out.

1. From the **Phone Settings** menu, select **Auto Key Lock**. The following settings appear in the display:
   - **On**
   - **Off**
2. Select the desired option.

To unlock the keys:

1. Press **Unlock**. "**Press space to unlock**" pops-up in the display.
2. Press SPACE.

Memory Info

Memory Info shows the amount of phone memory that is available and used, and details the distribution of the used memory.

▶ From the **Settings** menu, select **Memory Info**. The following options appear in the display:

Save Options

1. From the **Memory Info** menu, select **Save Options** → **Images**. The following options appear in the display:
   - **Phone Memory** — Stores pictures taken with your phone's camera in the phone's memory.
   - **Card Memory** — Stores pictures taken with your phone's camera in an optional microSD™ Memory Card.
2. Select the desired setting.

Phone Memory

1. From the **Memory Info** menu, select **Phone Memory**.

   The following options appear in the display:
   - **Memory Usage** — Shows Total phone memory, total memory Available, and memory quantities used to store Images, Ringtones, Sounds, Applications, and Picture messages.
   - **My Images** — Lists the photos stored in the My Images folder. Lets you copy photos to an optional Memory Card or lets you make used memory available by erasing unwanted photos or by moving photos to an optional Memory Card.
   - **My Ringtones** — Lists the downloaded ringtones and recorded sounds stored in the My Ringtones folder. Lets you make used memory available by erasing unwanted recorded sounds.
2. Select the desired option.
3. To delete/move selected photos, downloaded ringtones, or recorded sounds:
   - Select **My Images** or **My Ringtones**.
   - Press **Options**, then select **Erase**, **Move**, or **Copy**. The selected Erase or Move/Copy (to an optional Memory Card) screen appears in the display.

- Mark individual files by highlighting each file, then pressing **MARK** (); or mark all files by pressing **Mark All**.
- Press **Done**. You are prompted to confirm the erasure(s)/move(s).
  - To erase/move/copy the selected file(s), press **Yes**.
  - To keep the selected file(s), press **No**.

Card Memory

1. From the **Memory Info** menu, select **Card Memory**. The following options appear in the display:
   - **Memory Usage** — Shows Total phone memory, total memory Available, and memory quantities used to store Images and Music.
   - **My Images** — Lists the photos stored in the My Images folder. Lets you copy photos to phone memory or lets you make used card memory available by erasing unwanted photos or by moving photos to phone memory.
   - **My Music** — Lists the downloaded Music files stored in the My Music folder. Lets you make used card memory available by erasing unwanted Music files.
   - **Format Card** — Erases the current contents of the optional Memory Card (if any) and replaces it with a set of folders needed by your phone.

Note: This option prepares used/unformatted microSD™ Memory Cards for use with your phone. Repeated formatting of a Memory Card can shorten its service life. Erase files rather that format a Memory Card.

2. Select the desired option.
3. To delete/move selected photos, downloaded ringtones, recorded sounds, or music files (you can only erase music files):
   - Select **My Images**, **My Ringtones**, or **My Music**.
   - Press **Options**, then select **Erase**, **Move**, or **Copy**. The selected Erase or Move/Copy (to phone memory) screen appears in the display.
   - Mark individual files by highlighting each file, then pressing **MARK** (); or mark all files by pressing **Mark All**.
   - Press **Done**. You are prompted to confirm the erasure(s)/move(s).
     - To erase/move/copy the selected file(s), press **Yes**.
     - To keep the selected file(s), press **No**.

Formatting a Memory Card

Note: This option prepares used/unformatted microSD™ Memory Cards for use with your phone. Repeated formatting of a Memory Card can shorten its service life. Erase files rather than format a Memory Card.

1. Insert an optional microSD™ Memory Card into your phone. (For more information, refer to *"Install a Memory Card"* on page 8.)
2. From the **Memory Info** menu, select **Card Memory** → **Format Card**. You are prompted to confirm that you want to format the Memory Card.
3. To format the Memory Card, press **Yes**.

4. To return to the **Card Memory** menu without formatting the Memory Card, press **No**.

Phone Info

Phone Info lets you identify the hardware and software versions of your phone and to identify the phone number assigned to your phone.

Phone Number

This option causes the **Phone Number** screen to appear in the display and show the ten-digit number assigned to your phone by your Wireless Provider.

1. From the **Settings** menu, select **Phone Info → Phone Number**. The phone number assigned by your Wireless Provider appears in the display.
2. Press **OK** ( ) to return to the **Phone Info** menu.

Icon Glossary

This option causes the **Icon Glossary** list to appear in the display and show the icons that can appear in the display and the names of the icons.

1. From the **Settings** menu, select **Phone Info → Icon Glossary**.

   A list of the icons that can appear on the top line of the display shows in the display.
2. Press **OK** ( ) to return to the **Phone Info** menu.

Version

You can view the PRL (Preferred Roaming List), ERI (Extended Roaming Indicator), software version, Browser version, @metro version, and hardware version on your phone. This feature is helpful if you need to contact Customer Service.

1. From the **Settings** menu, select **Phone Info → Version**.

   Hardware and software information for your phone appears in the display.
2. Press the **OK** ( ) key to return to the **Phone Info** menu.

MEID

Lists the MEID (Mobile Equipment Identifier) number for your phone in decimal (MEID Dec) and hexadecimal (MEID Hex) formats.

1. From the **Settings** menu, select **Phone Info → MEID**.

   MEID Dec and **MEID Hex** numbers for your phone appear in the display.
2. Press the **OK** ( ) key to return to the **Phone Info** menu.

This section outlines the safety precautions associated with using your phone. These safety precautions should be followed to safely use your phone.

Health and Safety Information

Exposure to Radio Frequency (RF) Signals

Certification Information (SAR)

Your wireless phone is a radio transmitter and receiver. It is designed and manufactured not to exceed the exposure limits for radio frequency (RF) energy set by the Federal Communications Commission (FCC) of the U.S. government.

These FCC exposure limits are derived from the recommendations of two expert organizations, the National Counsel on Radiation Protection and Measurement (NCRP) and the Institute of Electrical and Electronics Engineers (IEEE).

In both cases, the recommendations were developed by scientific and engineering experts drawn from industry, government, and academia after extensive reviews of the scientific literature related to the biological effects of RF energy.

The exposure limit set by the FCC for wireless mobile phones employs a unit of measurement known as the Specific Absorption Rate (SAR). The SAR is a measure of the rate of absorption of RF energy by the human body expressed in units of watts per kilogram (W/kg). The FCC requires wireless phones to comply with a safety limit of 1.6 watts per kilogram (1.6 W/kg).

The FCC exposure limit incorporates a substantial margin of safety to give additional protection to the public and to account for any variations in measurements.

SAR tests are conducted using standard operating positions accepted by the FCC with the phone transmitting at its highest certified power level in all tested frequency bands. Although the SAR is determined at the highest certified power level, the actual SAR level of the phone while operating can be well below the maximum value. This is because the phone is designed to operate at multiple power levels so as to use only the power required to reach the network. In general, the closer you are to a wireless base station antenna, the lower the power output.

Before a new model phone is available for sale to the public, it must be tested and certified to the FCC that it does not exceed the exposure limit established by the FCC. Tests for each model phone are performed in positions and locations (e.g. at the ear and worn on the body) as required by the FCC.

For body worn operation, this phone has been tested and meets FCC RF exposure guidelines when used with an accessory that

contains no metal and that positions the handset a minimum of 1.5 cm from the body.

Use of other accessories may not ensure compliance with FCC RF exposure guidelines.

The FCC has granted an Equipment Authorization for this mobile phone with all reported SAR levels evaluated as in compliance with the FCC RF exposure guidelines. The maximum SAR values for this model phone as reported to the FCC are:

- **Head:** 1.21 W/Kg.
- **Body-worn:** 0.775 W/Kg.

SAR information on this and other model phones can be viewed online at http://www.fcc.gov/oet/ea. To find information that pertains to a particular model phone, this site uses the phone FCC ID number which is usually printed somewhere on the case of the phone.

Sometimes it may be necessary to remove the battery pack to find the number. Once you have the FCC ID number for a particular phone, follow the instructions on the website and it should provide values for typical or maximum SAR for a particular phone. Additional product specific SAR information can also be obtained at www.fcc.gov/cgb/sar.

Warning Regarding Display

The display on your handset is made of glass or acrylic and could break if your handset is dropped or if it receives significant impact. Do not use if screen is broken or cracked as this could cause injury to you.

Samsung Mobile Products and Recycling

Samsung cares for the environment and encourages its customers to recycle Samsung mobile phones and genuine Samsung accessories.

Go to: https://fun.samsungmobileusa.com/recycling/index.jsp or 1-800-822-8837 for more information.

UL Certified Travel Adapter

The Travel Adapter for this phone has met applicable UL safety requirements. Please adhere to the following safety instructions per UL guidelines.

FAILURE TO FOLLOW THE INSTRUCTIONS OUTLINED MAY LEAD TO SERIOUS PERSONAL INJURY AND POSSIBLE PROPERTY DAMAGE.

IMPORTANT SAFETY INSTRUCTIONS - SAVE THESE INSTRUCTIONS.

DANGER - TO REDUCE THE RISK OF FIRE OR ELECTRIC SHOCK, CAREFULLY FOLLOW THESE INSTRUCTIONS.

FOR CONNECTION TO A SUPPLY NOT IN NORTH AMERICA, USE AN ATTACHMENT PLUG ADAPTOR OF THE PROPER CONFIGURATION FOR THE POWER OUTLET. THIS POWER UNIT IS INTENDED TO BE CORRECTLY ORIENTATED IN A VERTICAL OR HORIZONTAL OR FLOOR MOUNT POSITION.

Consumer Information on Wireless Phones

The U.S. Food and Drug Administration (FDA) has published a series of Questions and Answers for consumers relating to radio frequency (RF) exposure from wireless phones. The FDA publication includes the following information:

What kinds of phones are the subject of this update?

The term wireless phone refers here to hand-held wireless phones with built-in antennas, often called "cell," "mobile," or "PCS" phones. These types of wireless phones can expose the user to measurable radio frequency energy (RF) because of the short distance between the phone and the user's head. These RF exposures are limited by Federal Communications Commission safety guidelines that were developed with the advice of FDA and other federal health and safety agencies.

When the phone is located at greater distances from the user, the exposure to RF is drastically lower because a person's RF exposure decreases rapidly with increasing distance from the source. The so-called "cordless phones," which have a base unit connected to the telephone wiring in a house, typically operate at far lower power levels, and thus produce RF exposures well within the FCC's compliance limits.

Do wireless phones pose a health hazard?

The available scientific evidence does not show that any health problems are associated with using wireless phones. There is no proof, however, that wireless phones are absolutely safe. Wireless phones emit low levels of radio frequency energy (RF) in the microwave range while being used. They also emit very low levels of RF when in the stand-by mode. Whereas high levels of RF can produce health effects (by heating tissue), exposure to low level RF that does not produce heating effects causes no known adverse health effects. Many studies of low level RF exposures have not found any biological effects. Some studies have suggested that some biological effects may occur, but such findings have not been confirmed by additional research. In some cases, other researchers have had difficulty in reproducing those studies, or in determining the reasons for inconsistent results.

What is FDA's role concerning the safety of wireless phones?

Under the law, FDA does not review the safety of radiation-emitting consumer products such as wireless phones before they can be sold, as it does with new drugs or medical devices. However, the agency has authority to take action if wireless phones are shown to emit radio frequency energy (RF) at a level

that is hazardous to the user. In such a case, FDA could require the manufacturers of wireless phones to notify users of the health hazard and to repair, replace or recall the phones so that the hazard no longer exists.

Although the existing scientific data do not justify FDA regulatory actions, FDA has urged the wireless phone industry to take a number of steps, including the following:

- Support needed research into possible biological effects of RF of the type emitted by wireless phones;
- Design wireless phones in a way that minimizes any RF exposure to the user that is not necessary for device function; and
- Cooperate in providing users of wireless phones with the best possible information on possible effects of wireless phone use on human health.

FDA belongs to an interagency working group of the federal agencies that have responsibility for different aspects of RF safety to ensure coordinated efforts at the federal level. The following agencies belong to this working group:

- National Institute for Occupational Safety and Health
- Environmental Protection Agency
- Federal Communications Commission
- Occupational Safety and Health Administration
- National Telecommunications and Information Administration

The National Institutes of Health participates in some interagency working group activities, as well.

FDA shares regulatory responsibilities for wireless phones with the Federal Communications Commission (FCC). All phones that are sold in the United States must comply with FCC safety guidelines that limit RF exposure. FCC relies on FDA and other health agencies for safety questions about wireless phones.

FCC also regulates the base stations that the wireless phone networks rely upon. While these base stations operate at higher power than do the wireless phones themselves, the RF exposures that people get from these base stations are typically thousands of times lower than those they can get from wireless phones.

Base stations are thus not the primary subject of the safety questions discussed in this document.

What are the results of the research done already?

The research done thus far has produced conflicting results, and many studies have suffered from flaws in their research methods. Animal experiments investigating the effects of radio frequency energy (RF) exposures characteristic of wireless phones have yielded conflicting results that often cannot be repeated in other laboratories. A few animal studies, however, have suggested that low levels of RF could accelerate the development of cancer in laboratory animals. However, many of

the studies that showed increased tumor development used animals that had been genetically engineered or treated with cancer-causing chemicals so as to be pre-disposed to develop cancer in absence of RF exposure. Other studies exposed the animals to RF for up to 22 hours per day. These conditions are not similar to the conditions under which people use wireless phones, so we don't know with certainty what the results of such studies mean for human health.

Three large epidemiology studies have been published since December 2000. Between them, the studies investigated any possible association between the use of wireless phones and primary brain cancer, glioma, meningioma, or acoustic neuroma, tumors of the brain or salivary gland, leukemia, or other cancers. None of the studies demonstrated the existence of any harmful health effects from wireless phones RF exposures.

However, none of the studies can answer questions about long-term exposures, since the average period of phone use in these studies was around three years.

What research is needed to decide whether RF exposure from wireless phones poses a health risk?

A combination of laboratory studies and epidemiological studies of people actually using wireless phones would provide some of the data that are needed. Lifetime animal exposure studies could be completed in a few years. However, very large numbers of animals would be needed to provide reliable proof of a cancer promoting effect if one exists.

Epidemiological studies can provide data that is directly applicable to human populations, but ten or more years' follow-up may be needed to provide answers about some health effects, such as cancer.

This is because the interval between the time of exposure to a cancer-causing agent and the time tumors develop - if they do - may be many, many years. The interpretation of epidemiological studies is hampered by difficulties in measuring actual RF exposure during day-to-day use of wireless phones. Many factors affect this measurement, such as the angle at which the phone is held, or which model of phone is used.

What is FDA doing to find out more about the possible health effects of wireless phone RF?

FDA is working with the U.S. National Toxicology Program and with groups of investigators around the world to ensure that high priority animal studies are conducted to address important questions about the effects of exposure to radio frequency energy (RF).

FDA has been a leading participant in the World Health Organization international Electromagnetic Fields (EMF) Project since its inception in 1996. An influential result of this work has been the development of a detailed agenda of research needs

that has driven the establishment of new research programs around the world. The Project has also helped develop a series of public information documents on EMF issues.

FDA and Cellular Telecommunications & Internet Association (CTIA) have a formal Cooperative Research and Development Agreement (CRADA) to do research on wireless phone safety. FDA provides the scientific oversight, obtaining input from experts in government, industry, and academic organizations.

CTIA-funded research is conducted through contracts to independent investigators. The initial research will include both laboratory studies and studies of wireless phone users. The CRADA will also include a broad assessment of additional research needs in the context of the latest research developments around the world.

What steps can I take to reduce my exposure to radio frequency energy from my wireless phone?

If there is a risk from these products - and at this point we do not know that there is - it is probably very small. But if you are concerned about avoiding even potential risks, you can take a few simple steps to minimize your exposure to radio frequency energy (RF). Since time is a key factor in how much exposure a person receives, reducing the amount of time spent using a wireless phone will reduce RF exposure.

- If you must conduct extended conversations by wireless phone every day, you could place more distance between your body and the source of the RF, since the exposure level drops off dramatically with distance. For example, you could use a headset and carry the wireless phone away from your body or use a wireless phone connected to a remote antenna.

Again, the scientific data do not demonstrate that wireless phones are harmful. But if you are concerned about the RF exposure from these products, you can use measures like those described above to reduce your RF exposure from wireless phone use.

What about children using wireless phones?

The scientific evidence does not show a danger to users of wireless phones, including children and teenagers. If you want to take steps to lower exposure to radio frequency energy (RF), the measures described above would apply to children and teenagers using wireless phones. Reducing the time of wireless phone use and increasing the distance between the user and the RF source will reduce RF exposure.

Some groups sponsored by other national governments have advised that children be discouraged from using wireless phones at all. For example, the government in the United Kingdom distributed leaflets containing such a recommendation in December 2000.

They noted that no evidence exists that using a wireless phone causes brain tumors or other ill effects. Their recommendation to limit wireless phone use by children was strictly precautionary; it was not based on scientific evidence that any health hazard exists.

Do hands-free kits for wireless phones reduce risks from exposure to RF emissions?

Since there are no known risks from exposure to RF emissions from wireless phones, there is no reason to believe that hands-free kits reduce risks. Hands-free kits can be used with wireless phones for convenience and comfort. These systems reduce the absorption of RF energy in the head because the phone, which is the source of the RF emissions, will not be placed against the head. On the other hand, if the phone is mounted against the waist or other part of the body during use, then that part of the body will absorb more RF energy. Wireless phones marketed in the U.S. are required to meet safety requirements regardless of whether they are used against the head or against the body. Either configuration should result in compliance with the safety limit.

Do wireless phone accessories that claim to shield the head from RF radiation work?

Since there are no known risks from exposure to RF emissions from wireless phones, there is no reason to believe that accessories that claim to shield the head from those emissions reduce risks. Some products that claim to shield the user from RF absorption use special phone cases, while others involve nothing more than a metallic accessory attached to the phone. Studies have shown that these products generally do not work as advertised. Unlike "hand-free" kits, these so-called "shields" may interfere with proper operation of the phone. The phone may be forced to boost its power to compensate, leading to an increase in RF absorption. In February 2002, the Federal trade Commission (FTC) charged two companies that sold devices that claimed to protect wireless phone users from radiation with making false and unsubstantiated claims.

According to FTC, these defendants lacked a reasonable basis to substantiate their claim.

What about wireless phone interference with medical equipment?

Radio frequency energy (RF) from wireless phones can interact with some electronic devices. For this reason, FDA helped develop a detailed test method to measure electromagnetic interference (EMI) of implanted cardiac pacemakers and

defibrillators from wireless telephones. This test method is now part of a standard sponsored by the Association for the Advancement of Medical instrumentation (AAMI). The final draft, a joint effort by FDA, medical device manufacturers, and many other groups, was completed in late 2000. This standard will allow manufacturers to ensure that cardiac pacemakers and defibrillators are safe from wireless phone EMI. FDA has tested wireless phones and helped develop a voluntary standard sponsored by the Institute of Electrical and Electronic Engineers (IEEE). This standard specifies test methods and performance requirements for hearing aids and wireless phones so that no interference occurs when a person uses a compatible phone and a compatible hearing aid at the same time. This standard was approved by the IEEE in 2000.

FDA continues to monitor the use of wireless phones for possible interactions with other medical devices. Should harmful interference be found to occur, FDA will conduct testing to assess the interference and work to resolve the problem.

Additional information on the safety of RF exposures from various sources can be obtained from the following organizations (Updated 12/1/2006):

- FCC RF Safety Program: http://www.fcc.gov/oet/rfsafety/
- Environmental Protection Agency (EPA): http://www.epa.gov/radiation/
- Occupational Safety and Health Administration's (OSHA): http://www.osha.gov/SLTC/radiofrequencyradiation/index.html
- National Institute for Occupational Safety and Health (NIOSH): http://www.cdc.gov/niosh/homepage.html
- World Health Organization (WHO): http://www.who.int/peh-emf/
- International Commission on Non-Ionizing Radiation Protection: http://www.icnirp.de
- Health Protection Agency: http://www.hpa.org.uk/radiation
- US Food and Drug Administration: http://www.fda.gov/cellphones

Road Safety

Your wireless phone gives you the powerful ability to communicate by voice, almost anywhere, anytime. But an important responsibility accompanies the benefits of wireless phones, one that every user must uphold.

When driving a car, driving is your first responsibility. When using your wireless phone behind the wheel of a car, practice good common sense and remember the following tips:

1. Get to know your wireless phone and its features, such as speed dial and redial. If available, these features help you to place your call without taking your attention off the road.
2. When available, use a hands-free device. If possible, add an additional layer of convenience and safety to your wireless phone with one of the many hands free accessories available today.
3. Position your wireless phone within easy reach. Be able to access your wireless phone without removing your eyes from the road. If you get an incoming call at an inconvenient time, let your voice mail answer it for you.
4. Let the person you are speaking with know you are driving; if necessary, suspend the call in heavy traffic or hazardous weather conditions. Rain, sleet, snow, ice and even heavy traffic can be hazardous.
5. Do not take notes or look up phone numbers while driving. Jotting down a "to do" list or flipping through your address book takes attention away from your primary responsibility, driving safely.
6. Dial sensibly and assess the traffic; if possible, place calls when you are not moving or before pulling into traffic. Try to plan calls when your car will be stationary. If you need to make a call while moving, dial only a few numbers, check the road and your mirrors, then continue.
7. Do not engage in stressful or emotional conversations that may be distracting. Make people you are talking with aware you are driving and suspend conversations that have the potential to divert your attention from the road.
8. Use your wireless phone to call for help. Dial 9-1-1 or other local emergency number in the case of fire, traffic accident or medical emergencies.
9. Use your wireless phone to help others in emergencies. If you see an auto accident, crime in progress or other serious emergency where lives are in danger, call 9-1-1 or other local emergency number, as you would want others to do for you.
10. Call roadside assistance or a special non-emergency wireless assistance number when necessary. If you see a broken-down vehicle posing no serious hazard, a broken traffic signal, a minor traffic accident where no one appears injured, or a vehicle you know to be stolen, call roadside assistance or other special non-emergency number.

"The wireless industry reminds you to use your phone safely when driving."

For more information, please call 1-888-901-SAFE, or visit our web-site www.ctia.org.

Important!: If you are using a handset other than a standard numeric keypad, please call 1-888-901-7233.

Provided by the Cellular Telecommunications & Internet Association.

Responsible Listening

Caution!: Avoid potential hearing loss.

Damage to hearing occurs when a person is exposed to loud sounds over time. The risk of hearing loss increases as sound is played louder and for longer durations.

Prolonged exposure to loud sounds (including music) is the most common cause of preventable hearing loss. Some scientific research suggests that using portable audio devices, such as portable music players and cellular telephones, at high volume settings for long durations may lead to permanent noise-induced hearing loss. This includes the use of headphones (including headsets, earbuds, and Bluetooth or other wireless devices). Exposure to very loud sound has also been associated in some studies with tinnitus (a ringing in the ear), hypersensitivity to sound and distorted hearing.

Individual susceptibility to noise-induced hearing loss and potential hearing problem varies. Additionally, the amount of sound produced by a portable audio device varies depending on the nature of the sound, the device settings, and the headphones that are used. As a result, there is no single volume setting that is appropriate for everyone or for every combination of sound, settings and equipment.

You should follow some commonsense recommendations when using any portable audio device:

- Set the volume in a quiet environment and select the lowest volume at which you can hear adequately.
- When using headphones, turn the volume down if you cannot hear the people speaking near you or if the person sitting next to you can hear what you are listening to.
- Do not turn the volume up to block out noisy surroundings. If you choose to listen to your portable device in a noisy environment, use noise-cancelling headphones to block out background environmental noise. By blocking background environment noise, noise cancelling headphones should allow you to hear the music at lower volumes than when using earbuds.
- Limit the amount of time you listen. As the volume increases, less time is required before you hearing could be affected.

- Avoid using headphones after exposure to extremely loud noises, such as rock concerts, that might cause temporary hearing loss. Temporary hearing loss might cause unsafe volumes to sound normal.
- Do not listen at any volume that causes you discomfort. If you experience ringing in your ears, hear muffled speech or experience any temporary hearing difficulty after listening to your portable audio device, discontinue use and consult your doctor.

You can obtain additional information on this subject from the following sources:

American Academy of Audiology

11730 Plaza American Drive, Suite 300

Reston, VA 20190

Voice: (800) 222-2336

Email: info@audiology.org

Internet: http://www.audiology.org

National Institute on Deafness and Other Communication Disorders

National Institutes of Health

31 Center Drive, MSC 2320

Bethesda, MD 20892-2320

Email: nidcdinfo@nih.gov

Internet: http://www.nidcd.nih.gov/

National Institute for Occupational Safety and Health (NIOSH)

395 E Street, S.W.

Suite 9200

Patriots Plaza Building

Washington, DC 20201

Voice: 1-800-35-NIOSH (1-800-356-4647)

1-800-CDC-INFO (1-800-232-4636)

Outside the U.S. 513-533-8328

Email: cdcinfo@cdc.gov

Internet: http://www.cdc.gov

1-888-232-6348 TTY

Internet: http://www.cdc.gov/niosh/topics/noise/default.html

Operating Environment

Remember to follow any special regulations in force in any area and always switch your phone off whenever it is forbidden to use it, or when it may cause interference or danger.

When connecting the phone or any accessory to another device, read its user's guide for detailed safety instructions. Do not connect incompatible products.

As with other mobile radio transmitting equipment, users are advised that for the satisfactory operation of the equipment and for the safety of personnel, it is recommended that the equipment should only be used in the normal operating position (held to your ear with the antenna pointing over your shoulder if you are using an external antenna).

Using Your Phone Near Other Electronic Devices

Most modern electronic equipment is shielded from radio frequency (RF) signals. However, certain electronic equipment may not be shielded against the RF signals from your wireless phone. Consult the manufacturer to discuss alternatives.

Implantable Medical Devices

A minimum separation of six (6) inches should be maintained between a handheld wireless phone and an implantable medical device, such as a pacemaker or implantable cardioverter defibrillator, to avoid potential interference with the device.

Persons who have such devices:

- Should ALWAYS keep the phone more than six (6) inches from their implantable medical device when the phone is turned ON;
- Should not carry the phone in a breast pocket;
- Should use the ear opposite the implantable medical device to minimize the potential for interference;
- Should turn the phone OFF immediately if there is any reason to suspect that interference is taking place;
- Should read and follow the directions from the manufacturer of your implantable medical device. If you have any questions about using your wireless phone with such a device, consult your health care provider.

For more information see:

http://www.fcc.gov/oet/rfsafety/rf-faqs.html

FCC Hearing-Aid Compatibility (HAC) Regulations for Wireless Devices

On July 10, 2003, the U.S. Federal Communications Commission (FCC) Report and Order in WT Docket 01-309 modified the exception of wireless phones under the Hearing Aid Compatibility Act of 1988 (HAC Act) to require digital wireless phones be compatible with hearing-aids.

The intent of the HAC Act is to ensure reasonable access to telecommunications services for persons with hearing disabilities.

While some wireless phones are used near some hearing devices (hearing aids and cochlear implants), users may detect a buzzing, humming, or whining noise. Some hearing devices are more immune than others to this interference noise, and phones also vary in the amount of interference they generate.

The wireless telephone industry has developed a rating system for wireless phones, to assist hearing device users find phones that may be compatible with their hearing devices. Not all phones have been rated. Phones that are rated have the rating on their box or a label located on the box.

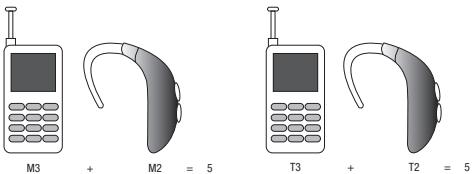
The ratings are not guarantees. Results will vary depending on the user's hearing device and hearing loss. If your hearing device happens to be vulnerable to interference, you may not be able to use a rated phone successfully. Trying out the phone with your hearing device is the best way to evaluate it for your personal needs.

M-Ratings: Phones rated M3 or M4 meet FCC requirements and are likely to generate less interference to hearing devices than phones that are not labeled. M4 is the better/higher of the two ratings.

T-Ratings: Phones rated T3 or T4 meet FCC requirements and are likely to generate less interference to hearing devices than phones that are not labeled. T4 is the better/higher of the two ratings.

Hearing devices may also be rated. Your hearing device manufacturer or hearing health professional may help you find this rating. Higher ratings mean that the hearing device is relatively immune to interference noise. The hearing aid and wireless phone rating values are then added together.

A sum of 5 is considered acceptable for normal use. A sum of 6 is considered for best use.



In the above example, if a hearing aid meets the M2 level rating and the wireless phone meets the M3 level rating, the sum of the two values equal M5. This is synonymous for T ratings. This should provide the hearing aid user with "normal usage" while

using their hearing aid with the particular wireless phone. "Normal usage" in this context is defined as a signal quality that is acceptable for normal operation.

The M mark is intended to be synonymous with the U mark. The T mark is intended to be synonymous with the UT mark. The M and T marks are recommended by the Alliance for Telecommunications Industries Solutions (ATIS). The U and UT marks are referenced in Section 20.19 of the FCC Rules.

The HAC rating and measurement procedure are described in the American National Standards Institute (ANSI) C63.19 standard.

Other Medical Devices

If you use any other personal medical devices, consult the manufacturer of your device to determine if it is adequately shielded from external RF energy. Your physician may be able to assist you in obtaining this information. Switch your phone off in health care facilities when any regulations posted in these areas instruct you to do so. Hospitals or health care facilities may be using equipment that could be sensitive to external RF energy.

Vehicles

RF signals may affect improperly installed or inadequately shielded electronic systems in motor vehicles. Check with the manufacturer or its representative regarding your vehicle. You should also consult the manufacturer of any equipment that has been added to your vehicle.

Posted Facilities

Switch your phone off in any facility where posted notices require you to do so.

Potentially Explosive Environments

Switch your phone off when in any area with a potentially explosive atmosphere and obey all signs and instructions. Sparks in such areas could cause an explosion or fire resulting in bodily injury or even death.

Users are advised to switch the phone off while at a refueling point (service station). Users are reminded of the need to observe restrictions on the use of radio equipment in fuel depots (fuel storage and distribution areas), chemical plants or where blasting operations are in progress.

Areas with a potentially explosive atmosphere are often but not always clearly marked. They include below deck on boats, chemical transfer or storage facilities, vehicles using liquefied petroleum gas (such as propane or butane), areas where the air contains chemicals or particles, such as grain, dust or metal powders, and any other area where you would normally be advised to turn off your vehicle engine.

Emergency Calls

This phone, like any wireless phone, operates using radio signals, wireless and landline networks as well as user-programmed functions, which cannot guarantee connection in all conditions. Therefore, you should never rely solely on any wireless phone for essential communications (medical emergencies, for example).

Remember, to make or receive any calls the phone must be switched on and in a service area with adequate signal strength. Emergency calls may not be possible on all wireless phone networks or when certain network services and/or phone features are in use. Check with local service providers.

To make an emergency call:

1. If the phone is not on, switch it on.
2. Key in the emergency number for your present location (for example, 911 or other official emergency number). Emergency numbers vary by location.
3. Press the key.

If certain features are in use (call barring, for example), you may first need to deactivate those features before you can make an emergency call. Consult this document and your local cellular service provider.

When making an emergency call, remember to give all the necessary information as accurately as possible. Remember that your phone may be the only means of communication at the scene of an accident; do not cut off the call until given permission to do so.

Restricting Children's access to your Phone

Your phone is not a toy. Children should not be allowed to play with it because they could hurt themselves and others, damage the phone or make calls that increase your phone bill.

FCC Notice and Cautions

FCC Notice

The phone may cause TV or radio interference if used in close proximity to receiving equipment. The FCC can require you to stop using the phone if such interference cannot be eliminated.

Vehicles using liquefied petroleum gas (such as propane or butane) must comply with the National Fire Protection Standard (NFPA-58). For a copy of this standard, contact the National Fire Protection Association:

NFPA (National Fire Protection Agency)

1 Batterymarch Park

Quincy, Massachusetts

USA 02169-7471

Internet: http://www.nfpa.org

Cautions

Any changes or modifications to your phone not expressly approved in this document could void your warranty for this equipment, and void your authority to operate this equipment. Only use approved batteries, antennas and chargers. The use of any unauthorized accessories may be dangerous and void the phone warranty if said accessories cause damage or a defect to the phone.

Although your phone is quite sturdy, it is a complex piece of equipment and can be broken. Avoid dropping, hitting, bending or sitting on it.

Other Important Safety Information

- Only qualified personnel should service the phone or install the phone in a vehicle. Faulty installation or service may be dangerous and may invalidate any warranty applicable to the device.
- Check regularly that all wireless phone equipment in your vehicle is mounted and operating properly.
- Do not store or carry flammable liquids, gases or explosive materials in the same compartment as the phone, its parts or accessories.
- For vehicles equipped with an air bag, remember that an air bag inflates with great force. Do not place objects, including both installed or portable wireless equipment in the area over the air bag or in the air bag deployment area. If wireless equipment is improperly installed and the air bag inflates, serious injury could result.
- Switch your phone off before boarding an aircraft. The use of wireless phone in aircraft is illegal and may be dangerous to the aircraft's operation.
- Failure to observe these instructions may lead to the suspension or denial of telephone services to the offender, or legal action, or both.

Product Performance

Getting the Most Out of Your Signal Reception

The quality of each call you make or receive depends on the signal strength in your area. Your phone informs you of the current signal strength by displaying a number of bars next to the signal strength icon. The more bars displayed, the stronger the signal.

If you're inside a building, being near a window may give you better reception.

Understanding the Power Save Feature

If your phone is unable to find a signal after searching, a Power Save feature is automatically activated. If your phone is active, it periodically rechecks service availability or you can check it yourself by pressing any key.

Anytime the Power Save feature is activated, a message displays on the screen. When a signal is found, your phone returns to standby mode.

Understanding How Your Phone Operates

Your phone is basically a radio transmitter and receiver. When it's turned on, it receives and transmits radio frequency (RF) signals. When you use your phone, the system handling your call controls the power level. This power can range from 0.006 watts to 0.2 watts in digital mode.

Maintaining Your Phone's Peak Performance

For the best care of your phone, only authorized personnel should service your phone and accessories. Faulty service may void the warranty.

There are several simple guidelines to operating your phone properly and maintaining safe, satisfactory service.

- To ensure that the Hearing Aid Compatibility rating for your phone is maintained, secondary transmitters such as Bluetooth and WLAN components must be disabled during a call. For more information, refer to *"Turn Bluetooth On/Off"* on page 78.
- If your phone is equipped with an external antenna, hold the phone with the antenna raised, fully-extended and over your shoulder.
- Do not hold, bend or twist the phone's antenna, if applicable.
- Do not use the phone if the antenna is damaged.
- If your phone is equipped with an internal antenna, obstructing the internal antenna could inhibit call performance.
- Speak directly into the phone's receiver.
- Avoid exposing your phone and accessories to rain or liquid spills. If your phone does get wet, immediately turn the power off and remove the battery. If it is inoperable, call Customer Care for service.

Availability of Various Features/Ring Tones

Many services and features are network dependent and may require additional subscription and/or usage charges. Not all features are available for purchase or use in all areas. Downloadable Ring Tones may be available at an additional cost. Other conditions and restrictions may apply. See your service provider for additional information.

Battery Standby and Talk Time

Standby and talk times will vary depending on phone usage patterns and conditions. Battery power consumption depends on factors such as network configuration, signal strength, operating

temperature, features selected, frequency of calls, and voice, data, and other application usage patterns.

Battery Precautions

- Avoid dropping the cell phone. Dropping it, especially on a hard surface, can potentially cause damage to the phone and battery. If you suspect damage to the phone or battery, take it to a service center for inspection.
- Never use any charger or battery that is damaged in any way.
- Do not modify or remanufacture the battery as this could result in serious safety hazards.
- If you use the phone near the network's base station, it uses less power; talk and standby time are greatly affected by the signal strength on the cellular network and the parameters set by the network operator.
- Follow battery usage, storage and charging guidelines found in the user's guide.
- Battery charging time depends on the remaining battery charge and the type of battery and charger used. The battery can be charged and discharged hundreds of times, but it will gradually wear out. When the operation time (talk time and standby time) is noticeably shorter than normal, it is time to buy a new battery.
- If left unused, a fully charged battery will discharge itself over time.
- Use only Samsung-approved batteries and recharge your battery only with Samsung-approved chargers. When a charger is not in use, disconnect it from the power source. Do not leave the battery connected to a charger for more than a week, since overcharging may shorten its life.
- Do not use incompatible cell phone batteries and chargers. Some Web sites and second-hand dealers, not associated with reputable manufacturers and carriers, might be selling incompatible or even counterfeit batteries and chargers. Consumers should purchase manufacturer or carrier recommended products and accessories. If unsure about whether a replacement battery or charger is compatible, contact the manufacturer of the battery or charger.
- Misuse or use of incompatible phones, batteries, and charging devices could result in damage to the equipment and a possible risk of fire, explosion, leakage, or other serious hazard.
- Extreme temperatures will affect the charging capacity of your battery: it may require cooling or warming first.
- Do not leave the battery in hot or cold places, such as in a car in summer or winter conditions, as you will reduce the capacity and lifetime of the battery. Always try to keep the battery at room temperature. A phone with a hot or cold battery may temporarily not work, even when the battery is fully charged. Li-ion batteries are particularly affected by temperatures below 0 °C (32 °F).
- Do not place the phone in areas that may get very hot, such as on or near a cooking surface, cooking appliance, iron, or radiator.

- Do not get your phone or battery wet. Even though they will dry and appear to operate normally, the circuitry could slowly corrode and pose a safety hazard.
- Do not short-circuit the battery. Accidental short-circuiting can occur when a metallic object (coin, clip or pen) causes a direct connection between the + and - terminals of the battery (metal strips on the battery), for example when you carry a spare battery in a pocket or bag. Short-circuiting the terminals may damage the battery or the object causing the short-circuiting.
- Do not permit a battery out of the phone to come in contact with metal objects, such as coins, keys or jewelry.
- Do not crush, puncture or put a high degree of pressure on the battery as this can cause an internal short-circuit, resulting in overheating.
- Dispose of used batteries in accordance with local regulations. In some areas, the disposal of batteries in household or business trash may be prohibited. For safe disposal options for Li-Ion batteries, contact your nearest Samsung authorized service center. Always recycle. Do not dispose of batteries in a fire.

Care and Maintenance

Your phone is a product of superior design and craftsmanship and should be treated with care. The suggestions below will help you fulfill any warranty obligations and allow you to enjoy this product for many years.

- Keep the phone and all its parts and accessories out of the reach of small children.
- Keep the phone dry. Precipitation, humidity and liquids contain minerals that will corrode electronic circuits.
- Do not use the phone with a wet hand. Doing so may cause an electric shock to you or damage to the phone.
- Do not use or store the phone in dusty, dirty areas, as its moving parts may be damaged.
- Do not store the phone in hot areas. High temperatures can shorten the life of electronic devices, damage batteries, and warp or melt certain plastics.
- Do not store the phone in cold areas. When the phone warms up to its normal operating temperature, moisture can form inside the phone, which may damage the phone's electronic circuit boards.
- Do not drop, knock or shake the phone. Rough handling can break internal circuit boards.
- Do not use harsh chemicals, cleaning solvents or strong detergents to clean the phone. Wipe it with a soft cloth slightly dampened in a mild soap-and-water solution.
- Do not paint the phone. Paint can clog the device's moving parts and prevent proper operation.
- Do not put the phone in or on heating devices, such as a microwave oven, a stove or a radiator. The phone may explode when overheated.

- If your phone is equipped with an external antenna, use only the supplied or an approved replacement antenna. Unauthorized antennas or modified accessories may damage the phone and violate regulations governing radio devices.
- If the phone, battery, charger or any accessory is not working properly, take it to your nearest qualified service facility. The personnel there will assist you, and if necessary, arrange for service.

Standard Limited Warranty

What is Covered and For How Long?
SAMSUNG TELECOMMUNICATIONS AMERICA, LLC ("SAMSUNG") warrants to the original purchaser ("Purchaser") that SAMSUNG's Phones and accessories ("Products") are free from defects in material and workmanship under normal use and service for the period commencing upon the date of purchase and continuing for the following specified period of time after that date:

Phone	1 Year
Batteries	1 Year
Leather Case	90 Days
Holster	90 Days
Other Phone Accessories	1 Year

What is Not Covered? This Limited Warranty is conditioned upon proper use of Product by Purchaser. This Limited Warranty does not cover: (a) defects or damage resulting from accident, misuse, abuse, neglect, unusual physical, electrical or electromechanical stress, or modification of any part of Product, including antenna, or cosmetic damage; (b) equipment that has the serial number removed or made illegible; (c) any plastic surfaces or other externally exposed parts that are scratched or damaged due to normal use; (d) malfunctions resulting from the use of Product in conjunction with accessories, products, or ancillary/peripheral equipment not furnished or approved by SAMSUNG; (e) defects or damage from improper testing, operation, maintenance, installation, or adjustment; (f) installation, maintenance, and service of Product, or (g) Product used or purchased outside the United States or Canada.

This Limited Warranty covers batteries only if battery capacity falls below 80% of rated capacity or the battery leaks, and this Limited Warranty does not cover any battery if (i) the battery has been charged by a battery charger not specified or approved by SAMSUNG for charging the battery, (ii) any of the seals on the battery are broken or show evidence of tampering, or (iii) the battery has been used in equipment other than the SAMSUNG phone for which it is specified.

What are SAMSUNG's Obligations? During the applicable warranty period, SAMSUNG will repair or replace, at SAMSUNG's sole option, without charge to Purchaser, any defective component part of Product. To obtain service under this Limited Warranty, Purchaser must return Product to an authorized phone service

facility in an adequate container for shipping, accompanied by Purchaser's sales receipt or comparable substitute proof of sale showing the date of purchase, the serial number of Product and the sellers' name and address. To obtain assistance on where to deliver the Product, call Samsung Customer Care at 1-888-987-4357. Upon receipt, SAMSUNG will promptly repair or replace the defective Product. SAMSUNG may, at SAMSUNG's sole option, use rebuilt, reconditioned, or new parts or components when repairing any Product or replace Product with a rebuilt, reconditioned or new Product. Repaired/replaced leather cases, pouches and holsters will be warranted for a period of ninety (90) days. All other repaired/replaced Product will be warranted for a period equal to the remainder of the original Limited Warranty on the original Product or for 90 days, whichever is longer. All replaced parts, components, boards and equipment shall become the property of SAMSUNG.

If SAMSUNG determines that any Product is not covered by this Limited Warranty, Purchaser must pay all parts, shipping, and labor charges for the repair or return of such Product.

WHAT ARE THE LIMITS ON SAMSUNG'S WARRANTY/LIABILITY?
EXCEPT AS SET FORTH IN THE EXPRESS WARRANTY CONTAINED HEREIN, PURCHASER TAKES THE PRODUCT "AS IS," AND SAMSUNG MAKES NO WARRANTY OR REPRESENTATION AND THERE ARE NO CONDITIONS, EXPRESS OR IMPLIED, STATUTORY OR OTHERWISE, OF ANY KIND WHATSOEVER WITH RESPECT TO THE PRODUCT, INCLUDING BUT NOT LIMITED TO:

- THE MERCHANTABILITY OF THE PRODUCT OR ITS FITNESS FOR ANY PARTICULAR PURPOSE OR USE;
- WARRANTIES OF TITLE OR NON-INFRINGEMENT;
- DESIGN, CONDITION, QUALITY, OR PERFORMANCE OF THE PRODUCT;
- THE WORKMANSHIP OF THE PRODUCT OR THE COMPONENTS CONTAINED THEREIN; OR
- COMPLIANCE OF THE PRODUCT WITH THE REQUIREMENTS OF ANY LAW, RULE, SPECIFICATION OR CONTRACT PERTAINING THERETO.

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This Limited Warranty allocates risk of Product failure between Purchaser and SAMSUNG, and SAMSUNG's Product pricing reflects this allocation of risk and the limitations of liability contained in this Limited Warranty. The agents, employees, distributors, and dealers of SAMSUNG are not authorized to make modifications to this Limited Warranty, or make additional warranties binding on SAMSUNG. Accordingly, additional statements such as dealer advertising or presentation, whether oral or written, do not constitute warranties by SAMSUNG and should not be relied upon.

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Precautions for Transfer and Disposal

If data stored on this device is deleted or reformatted using the standard methods, the data only appears to be removed on a superficial level, and it may be possible for someone to retrieve and reuse the data by means of special software.

To avoid unintended information leaks and other problems of this sort, it is recommended that the device be returned to Samsung's Customer Care Center for an Extended File System (EFS) Clear which will eliminate all user memory and return all settings to default settings. Please contact the **Samsung Customer Care Center** for details.

Important!: Please provide warranty information (proof of purchase) to Samsung's Customer Care Center in order to provide this service at no charge. If the warranty has expired on the device, charges may apply.

Customer Care Center:

1000 Klein Rd.

Plano, TX 75074

Toll Free Tel: 1.888.987.HELP (4357)

Samsung Telecommunications America, LLC:

1301 East Lookout Drive

Richardson, Texas 75082

Phone: 1-800-SAMSUNG (726-7864)

Important!: If you are using a handset other than a standard numeric keypad, dial the numbers listed in brackets.

Phone: 1-888-987-HELP (4357)

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